



**Phase I Environmental Site Assessment
Warner Red Hill
2300, 2310, and 2320 Red Hill Avenue
Santa Ana, California**

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Project No.: 185804220


July 2, 2018

Sign-off Sheet and Signatures of Environmental Professionals


This document entitled Phase I Environmental Site Assessment Warner Red Hill 2300, 2310, and 2320 Red Hill Avenue Santa Ana, California was prepared by Stantec Consulting Services Inc. (Stantec) for the account of RHW Holdings, LLC c/o: CT Realty. The material in it reflects Stantec's best judgment in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Stantec accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

All information, conclusions, and recommendations provided by Stantec in this document regarding the Phase I ESA have been prepared under the supervision of and reviewed by the professionals whose signatures appear below.


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

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

Table of Contents

ABBREVIATIONS	III
1.0 SUMMARY	1.1
2.0 INTRODUCTION	2.1
2.1 PROPERTY DESCRIPTION	2.2
2.2 SPECIAL TERMS, CONDITIONS, AND SIGNIFICANT ASSUMPTIONS	2.2
2.3 EXCEPTIONS AND LIMITING CONDITIONS	2.2
2.4 PERSONNEL QUALIFICATIONS	2.4
3.0 USER-PROVIDED INFORMATION	3.1
4.0 RECORDS REVIEW	4.1
4.1 PHYSICAL SETTING	4.1
4.1.1 Property Topography and Surface Water Flow	4.1
4.1.2 Regional and Property Geology	4.1
4.1.3 Regional and Property Hydrogeology	4.2
4.2 FEDERAL, STATE AND TRIBAL ENVIRONMENTAL RECORDS	4.2
4.2.1 Listings for Property	4.2
4.2.2 Listings for Nearby Sites with Potential to Impact Property	4.4
4.3 LOCAL/REGIONAL ENVIRONMENTAL RECORDS	4.6
4.3.1 State Departments	4.6
4.3.2 Regional Water Quality Control Board – Region 8	4.7
4.3.3 Orange County Health Care Agency – Environmental Health	4.7
4.3.4 Orange County Fire Authority	4.8
4.3.5 City of Santa Ana Planning and Building Department	4.8
4.4 HISTORICAL RECORDS REVIEW	4.8
4.4.1 Land Title Records/Deeds	4.8
4.4.2 Aerial Photographs	4.8
4.4.3 City Directories	4.10
4.4.4 Historical Fire Insurance Maps	4.10
4.4.5 Historical Topographic Maps	4.10
4.4.6 Other Historical Sources	4.11
5.0 SITE RECONNAISSANCE	5.1
5.1 SITE RECONNAISSANCE METHODOLOGY	5.1
5.2 GENERAL DESCRIPTION	5.1
5.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS	5.2
5.4 INTERIOR OBSERVATIONS	5.3
5.5 EXTERIOR OBSERVATIONS	5.3
5.6 UNDERGROUND STORAGE TANKS/STRUCTURES	5.4
5.7 ABOVEGROUND STORAGE TANKS	5.5
5.8 ADJOINING PROPERTIES	5.5
5.8.1 Current Uses of Adjoining Properties	5.5
5.8.2 Observed Evidence of Past Uses of Adjoining Properties	5.5
5.8.3 Pits, Ponds or Lagoons on Adjoining Properties	5.6
5.9 OBSERVED PHYSICAL SETTING	5.6

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

6.0	INTERVIEWS.....	6.1
7.0	EVALUATION.....	7.1
7.1	FINDINGS AND OPINIONS	7.1
7.2	DATA GAPS	7.3
7.3	CONCLUSIONS	7.4
8.0	NON-SCOPE CONSIDERATIONS	8.1
8.1	LEAD-BASED PAINT	8.1
8.2	ASBESTOS.....	8.1
8.3	RADON	8.2
8.4	FLOOD ZONES	8.2
9.0	REFERENCES.....	9.1

LIST OF FIGURES

FIGURE 1	Property Location Map
FIGURE 2	Property Vicinity Map

LIST OF APPENDICES

APPENDIX A	PHOTOGRAPHS OF THE PROPERTY AND VICINITY
APPENDIX B	STANTEC RESUMES
APPENDIX C	USER PROVIDED RECORDS
APPENDIX D	ENVIRONMENTAL AGENCY DATABASE SEARCH REPORT
APPENDIX E	AGENCY RECORDS
APPENDIX F	HISTORICAL RECORDS

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

Abbreviations

AAI	All Appropriate Inquiry
ACM	Asbestos containing material
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BER	Business Environmental Risk
CAA	Clean Air Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulation
CREC	Controlled Recognized Environmental Conditions
CWA	Clean Water Act
ELUC	Environmental Land Use Control
EP	Environmental Professional
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
ft msl	Feet above mean sea level
HREC	Historical Recognized Environmental Conditions
HWMU	Hazardous Waste Management Unit
LBP	Lead-based Paint
LUST	Leaking Underground Storage Tank
NESHAP	National Emissions Standard for Hazardous Air Pollutants
PAHs	Polynuclear Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
SWMU	Solid Waste Management Unit
TSCA	Toxic Substance Control Act
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VEC	Vapor Encroachment Condition
VOCs	Volatile Organic Compounds

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

SUMMARY

July 24, 2018

1.0 SUMMARY

Stantec Consulting Services Inc. (Stantec) has completed a Phase I Environmental Site Assessment (ESA) report of the property located at 2300, 2310, and 2320 Red Hill Avenue, Santa Ana, California (the "Property"), on behalf of CT Realty Investors (the "Client"). The work was performed according to Stantec's proposal and terms and conditions dated June 20, 2018 and accepted by Client on the same date. CT Realty Investors (the "User") has been designated as the User of this report.

The Phase I ESA was conducted in conformance with the requirements of American Society for Testing and Materials (ASTM) Designation E 1527-13, except as may have been modified by the scope of work, and terms and conditions, requested by the Client. Any exceptions to, or deletions from, the ASTM practice are described in Section 2.3.

The Property consists of approximately 14.53 acres of land developed with a three vacant warehouse buildings and associated parking lots. A vacant lot is located in the northeastern corner of the Property. Surrounding properties are a mix of commercial and light industrial properties. A Property location map is illustrated on Figure 1. A Property map illustrating the main features of the Property is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

The Property was formerly occupied by Ricoh Electronics, Inc., a manufacturer and distributor of thermal paper. The Property has been vacant for approximately 3 months. Large machines used during the thermal paper processing were formerly located in the western portion of Building 1. Concrete pads where large tanks and supporting machines were located are present along the exterior of Building 1 and 2. A former machine shop was located on the first floor and a former lab area was located on the second floor of Building 2. An enclosed storage area was also observed along the northern exterior of Building 2 which likely contained hazardous materials.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of 2300, 2310, and 2320 Red Hill Avenue, Santa Ana, California, the Property. Any exceptions to, or deletions from, this practice are described in the Data Gaps section of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the property except for the following:

- **Former USTs.** According to the case closure summary, four underground storage tanks (USTs) including one 30,000-gallon; one 40,000-gallon; and two 50,000-gallon all containing isoparaffin aliphatic hydrocarbons (ISOPAR G) were removed from the Property in 1998 and 2006. The ISOPAR G was used to manufacture toner. The reports reviewed indicate that a release of ISOPAR G occurred at the Property. This release affected soil and groundwater beneath the Property. In response to this detected

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

SUMMARY

July 24, 2018

release, the Property underwent remedial action. As part of that remediation, approximately 2,160,000-gallons of groundwater were extracted and treated using granulated activated carbon; 4,371-gallons of ispoar were removed with the groundwater and disposed of off-site; and an unknown amount of impacted soil was excavated and disposed of off-site. The UST removal and subsequently soil sampling was overseen by the Regional Water Quality Control Board (RWQCB). Although a "no further action letter" letter was issued for the four USTs dated August 13, 2010, additional soil and soil vapor samples should be collected to evaluate if residual impacts are above levels that pose a risk to residential redevelopment.

It should be noted that RWQCB records include a figure showing the presence of an 8,000-gallon diesel UST at the northeast corner of Building 2. However, the figure is unscaled and there is no clear indication in RWQCB records regarding whether the UST was removed. Further documentation pertaining to this UST may be held by the Orange County Health Care Agency (OCHCA). A records request submitted to the OCHCA is pending as of the date of this report. In the absence of OCHCA records, Stantec recommends collecting soil and soil vapor samples at the general location of the diesel UST indicated on the figure included in RWQCB documents. However, records held by OCHCA should still be obtained once they are available in order to confirm whether or not the UST has been removed.

- **Former Thermal Paper Processing.** The Property was formerly a manufacturer and distributor of thermal paper. Large machines were formerly located in the western portion of Building 1. Concrete pads where large tanks and supporting machines were located are present along the exterior of Building 1 and 2. An enclosed storage area was also observed along the northern exterior of Building 2 which likely contained hazardous materials. A cooling system and piping were also observed along the western exterior of Building 2. Although no significant surface staining was observed during the site reconnaissance the Property has been utilized as a thermal paper manufacturing facility since the circa 1985, therefore there is a potential for small releases to the subsurface beneath the equipment throughout the tenure. Stantec recommends a subsurface assessment to evaluate if a release occurred from this equipment inside of building 1 and outside where the tanks were located to evaluate if a release occurred that would affect the residential development of the Property.
- **Former Machine Shop.** A former machine shop was located in building 2. No significant staining was noted in the machine shop area, but it is suspected that oils and other chemicals may have been used in this area. Stantec recommends a subsurface assessment to evaluate if a release occurred from this machine shop area inside of building 2 to evaluate if a release occurred that would affect the residential development of the Property.

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

SUMMARY

July 24, 2018

- **Former Toner Manufacturing Area.** It is reported that in the southeastern portion of building 3 toner was manufactured. The ISOPAR G noted above was used in this process in the building. Stantec recommends a subsurface assessment to evaluate if a release occurred from this manufacturing area inside of building 3 to evaluate if a release occurred that would affect the residential development of the Property.
- **Historical Agricultural Use.** Based on review of historical documents including aerial photographs and topographic maps, the Property appears to have been used for light agricultural use until circa 1952. Accordingly, Stantec recommends performing a shallow soil assessment at the Property to evaluate whether residual pesticides or heavy metals associated with historical herbicide applications are present above regulatory screening levels, human health risk criteria for residential uses or California hazardous waste levels.
- **Adjacent Railroad Spur.** Based on review of historical documents including aerial photographs and topographic maps, a railroad spur appears along the western Property boundary. Accordingly, Stantec recommends performing a shallow soil assessment at the Property to evaluate whether residual pesticides or heavy metals associated with the railroad spur are present above regulatory screening levels, human health risk criteria for residential uses or California hazardous waste levels.
- **Neighboring Facility.** The District at Tustin Legacy retail shopping development is located southeast beyond Red Hill Avenue and was formerly a portion of the Marine Corps Air Station (MCAS) which has known impacts to soil and groundwater with contaminants including jet fuel, petroleum hydrocarbons, metals, and volatile organic compounds. Given the distance to the Property, the facility represents a potential vapor encroachment condition (PVEC) to the Property. Stantec recommends collecting soil vapor samples along the southeastern perimeter to determine if there is any impact to the soil vapor beneath the perimeter of the Property.

The following non-ASTM issues were noted for the Property:

- **Lead-Based Paint (LBP).** Painted surfaces were observed on the Property buildings which appears to have been constructed circa 1980. All paint appears to be in good condition. However, Stantec recommends conducting a lead-based paint survey prior to the disturbance of these painted surfaces in accordance with local and federal regulations.
- **Asbestos Containing Materials (ACM).** Due to the Property structure being constructed circa 1980, the presence of ACM is considered possible. Therefore, Stantec recommends conducting an ACM survey prior to the disturbance and/or removal of the structure in accordance with local and federal regulations.
- **Petromat (ACM).** A portion of the Property is paved with asphalt. A stress absorbing fabric marketed as Petromat® is sometimes used in asphalt paving operations. The tack



**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

SUMMARY

July 24, 2018

coating often associated with this material sometimes contains asbestos. Stantec recommends inspecting the asphalt as part of the other assessment referenced above, for the presence of Petromat and if observed, sampling the Petromat for the presence of asbestos.

The preceding summary is intended for informational purposes only. Reading of the full body of this report is recommended.

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

INTRODUCTION

July 24, 2018

2.0 INTRODUCTION

The objective of this Phase I ESA was to perform appropriate inquiry into the past ownership and uses of the Property consistent with good commercial or customary practice as outlined by the ASTM in "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", Designation E1527-13. The purpose of this Phase I ESA was to identify, to the extent feasible, adverse environmental conditions including recognized environmental conditions ("RECs") of the Property.

The ASTM E1527-13 standard indicates that the purpose of the Phase I ESA is to identify RECs, including historical recognized environmental conditions ("HRECs"), and controlled recognized environmental conditions ("CRECs") that may exist at a property. The term "recognized environmental conditions" means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property:

- (1) Due to any release to the environment;
- (2) Under conditions indicative of a release to the environment; or
- (3) Under conditions that pose a material threat of a future release to the environment.

ASTM defines a "HREC" as a REC that has occurred in connection with the property, but has been addressed to the satisfaction of the applicable regulatory authority and meets unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the environmental professional must determine whether the past release is a REC when the current Phase I ESA is conducted (for example, if there has been a change in the regulations). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC.

ASTM defines a "CREC" as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), but with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

De minimis conditions are not RECs. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. As indicated, the term REC does not include *de minimis* conditions, which generally do not present a material risk to human health

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

INTRODUCTION

July 24, 2018

and would not likely be subject to enforcement action if brought to the attention of governmental agencies.

This ESA was conducted in accordance with our proposal to CT Realty Investors dated June 20, 2018 and Client's authorization on the same date. The scope of work conducted during this Phase I ESA consisted of a visual reconnaissance of the Property, interviews with key individuals, and review of reasonably ascertainable documents. The scope of work did not include an assessment for environmental regulatory compliance of any facility ever operated at the Property (past or present), or sampling and analyzing of environmental media. Stantec was not contracted to perform any independent evaluation of the purchase or lease price of the Property and its relationship to current fair market value. The conclusions presented in this ESA report are professional opinions based on data described herein. The opinions are subject to the limitations described in Section 2.3.

ASTM E1527-13 notes that the availability of record information varies from source to source. The User or Environmental Professional is not obligated to identify, obtain, or review every possible source that might exist with respect to a property. Instead, ASTM identifies record information that is reasonably ascertainable from standard sources. "Reasonably ascertainable" means:

- (1) Information that is publicly available;
- (2) Information that is obtainable from its source within reasonable time and cost constraints; and
- (3) Information that is practicably reviewable.

2.1 PROPERTY DESCRIPTION

The Property consists of approximately 14.53 acres of land developed with a three vacant warehouse buildings and associated parking lots. A vacant lot is located in the northeastern corner of the Property. Surrounding properties are a mix of commercial and light industrial properties. A Property location map is illustrated on Figure 1. A Property map illustrating the main features of the Property is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

2.2 SPECIAL TERMS, CONDITIONS, AND SIGNIFICANT ASSUMPTIONS

There were no special terms, conditions, or significant assumptions associated with this Phase I ESA.

2.3 EXCEPTIONS AND LIMITING CONDITIONS

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided and given

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

INTRODUCTION

July 24, 2018

the schedule and budget constraints established by the client. No other representations, warranties, or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential and actual liabilities and conditions associated with the identified property.

This report provides an evaluation of selected environmental conditions associated with the identified portion of the property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

If a service is not expressly indicated, do not assume it has been provided. If a matter is not addressed, do not assume that any determination has been made by Stantec in regards to it.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report and are based solely on the scope of work described in the report, the limited data available, and the results of the work. They are not a certification of the property's environmental condition.

This report relates solely to the specific project for which Stantec was retained and the stated purpose for which this report was prepared and shall not be used or relied upon by the client identified herein for any variation or extension of this project, any other project, or any other purpose.

This report has been prepared for the exclusive use of the client identified herein and any use of or reliance on this report by any third party is prohibited, except as may be consented to in writing by Stantec or as required by law. The provision of any such consent is at Stantec's sole and unfettered discretion and will only be authorized pursuant to the conditions of Stantec's standard form reliance letter. Stantec assumes no responsibility for losses, damages, liabilities, or claims, howsoever arising, from third party use of this report.

Project Specific limiting conditions are provided in Section 2.2.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures are not guaranteed. Before starting work, the exact location of all such utilities and structures must be confirmed by the client and Stantec assumes no liability resulting from damage to such utilities and structures.

The conclusions are based on the conditions encountered at the Property by Stantec at the time the work was conducted. Accordingly, additional studies and actions may be required. As the purpose of this report is to identify selected Property conditions which may pose an

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

INTRODUCTION

July 24, 2018

environmental risk; the identification of non-environmental risks to structures or people on the Property is beyond the scope of this assessment. The findings, observations, and conclusions expressed by Stantec in this report are not an opinion concerning the compliance of any past or present owner or operator of the Property which is the subject of this report with any Federal, state, provincial or local law or regulation.

This report presents professional opinions and findings of a scientific and technical nature. It does not and shall not be construed to offer a legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations or policies of Federal, state, provincial or local governmental agencies. Issues raised by the report should be reviewed by client legal counsel.

Stantec specifically disclaims any responsibility to update the conclusions in this report if new or different information later becomes available or if the conditions or activities on the property subsequently change.

2.4 PERSONNEL QUALIFICATIONS

This Phase I ESA was conducted by, or under the supervision of, an individual that meets the ASTM definition of an Environmental Professional (EP). The credentials of the EP and other key Stantec personnel involved in conducting this Phase I ESA are provided in Appendix B.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

USER-PROVIDED INFORMATION

July 24, 2018

3.0 USER-PROVIDED INFORMATION

ASTM E1527-13 describes responsibilities of the User to complete certain tasks in connection with the performance of "All Appropriate Inquiries" into the Property. The ASTM standard requires that the Environmental Professional request information from the User on the results of those tasks because that information can assist in the identification of RECs, CRECs, HRECs, or de minimis conditions in connection with the Property. Towards that end, Stantec requested that the User provide the following documents and information:

Description of Information	Provided (Yes / No)	Description and/or Key Findings
User Questionnaire	Yes	The User is not aware of any environmental liens or activity and land use limitations with the Property. The user is aware of a "no further action letter" and closure data for the fuel storage tanks.
Environmental Liens or Activity Use Limitations	Yes	No environmental liens or activity and land use limitations were identified in the Preliminary Title Report dated February 6, 2018. A railroad easement was noted on the southwestern portion of Parcel 2.
Previous Environmental Permits or Reports Provided by User	Yes	The user provided Regional Water Quality Control Board (RWQCB) correspondence and groundwater closure documents. These are discussed in Section 4.3 below.
Purpose of the Phase I ESA	Yes	Due Diligence

Stantec forwarded the ASTM recommended User Questionnaire to Mr. Carter Ewing, Managing Principal of CT Realty Investors. The completed User Questionnaire returned to us by Mr. Ewing is included in Appendix C.

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

RECORDS REVIEW

July 24, 2018

4.0 RECORDS REVIEW

The objective of consulting historical sources of information is to develop the history of the Property and surrounding area, in order to evaluate if past uses may have resulted in RECs. Physical setting records are evaluated to determine if the physical setting may have contributed to adverse environmental conditions in connection with the Property. During the review of historical records, Stantec attempted to identify uses of the Property from the present to the first developed use of the Property. Stantec's research included the reasonably ascertainable and useful records described in this section.

4.1 PHYSICAL SETTING

A summary of the physical setting of the Property is provided in the table below with additional details in the following subsections

Topography:	The Property is relatively flat and located at approximately 60 feet above mean sea level (msl) with a regional topographic gradient to the south-southwest.
Soil/Bedrock Data:	According to boring logs dated September 29, 2009, the Property is underlain by silty sand, sandy silt, and clayey silt with sand to approximately 25 feet below ground surface (bgs).
Estimated Depth to Groundwater/ Estimated Direction of Gradient:	According to the case closure summary, depth to groundwater was measured at the Property between 5.67 and 13 feet bgs with a groundwater flow to the south.
<i>Note: Site-specific groundwater direction and depth can only be determined by conducting site-specific testing, which Stantec has not conducted.</i>	

4.1.1 Property Topography and Surface Water Flow

The Property is relatively flat and located at approximately 60 feet above mean sea level (msl) with a regional topographic gradient to the south-southwest (EDR, 2018). Based on the topography, surface water on the Property infiltrates the ground surface or flows through concrete drainage into storm drains throughout the parking lot of the Property.

4.1.2 Regional and Property Geology

The Property is located in the Coastal Plain of Orange County which is underlain by a coastal alluvial plain in northwestern Orange County. According to boring logs dated September 29, 2009, the Property is underlain by silty sand, sandy silt, and clayey silt with sand to approximately 25 feet below ground surface (bgs).

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

RECORDS REVIEW

July 24, 2018

4.1.3 Regional and Property Hydrogeology

The Property is located within the Santa Ana Groundwater Basin. There are two aquifers were identified in the Santa Ana Groundwater Basin (Talbert Aquifer and Main Aquifer) with a shallow water-bearing zone overlying these within Holocene-aged alluvium and stream deposits. According to the case closure summary, depth to groundwater was measured at the Property between 5.67 and 13 feet below ground surface (bgs) with a groundwater flow to the south.

4.2 FEDERAL, STATE AND TRIBAL ENVIRONMENTAL RECORDS

A regulatory agency database search report was obtained from Environmental Data Resources, Inc. (EDR), a third-party environmental database search firm. A complete copy of the database search report, including the date the report was prepared, the date the information was last updated, and the definition of databases searched, is provided in Appendix D.

Stantec evaluated the information listed within the database relative to potential impact to the Property, assessing the potential for impacts based in part on the physical setting. As part of this process, inferences have been made regarding the likely groundwater flow direction at or near the Property. As described in 4.1.3, the inferred shallow groundwater flow direction is likely to be to the south. Observations about the Property and surrounding properties made during the Property reconnaissance are provided in more detail in Section 5.

4.2.1 Listings for Property

The Property was identified in the environmental database report. Below is a summary of the listings for the Property addresses.

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
Ricoh Electronics, Inc / 3520 RB8 / GW Cleanup-S.A. Redhill 2320 Red Hill Avenue Santa Ana, CA 92705	UST; TSCA; LUST; FINDS; SWEEPS UST; TSCA; RGA LUST; RCRA- LQG; ENF; HIST CORTESE; CIWQS; FTTS; HIST FTTS;	Target Property	Yes
The facility is listed as a large quantity generator of hazardous wastes including ignitable and corrosive wastes with no reported violations. In July 1986, a leak was reported from three underground storage tanks (USTs) storing ISOPAR (C10-C11) and H (C11-C12), which was used to manufacture toner. Total Petroleum Hydrocarbons (TPH) were detected at concentrations ranging from 50 to 1,000 parts per million (ppm) during a soil gas survey. Six groundwater			

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

RECORDS REVIEW

July 24, 2018

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
<p>monitoring wells and 20 groundwater well points were installed to characterize the limits of groundwater contamination. Free product was detected up to 6.9 feet in thickness. In February 1988, free product recover was initiated. The RWQCB issued a Cleanup and Abatement Order dated July 8, 1988 and Ricoh implemented groundwater extraction and treatment. Up to 14,000-gallons per day were discharge to the local storm drain. The recovery system operated until July 1998 when the three USTs were removed and replaced by one 40,000-gallon UST containing Isopar. The UST area was excavated to 16 feet bgs and 100,000-gallons of groundwater was treated/discharged, and an oxygen release compound (ORC) was placed in the backfill to enhance in situ biodegradation of residual petroleum hydrocarbons.</p> <p>A subsurface investigation was conducted in December 2000 which included the advancement of five soil borings to a depth of 17 to 20 feet bgs and collection of three grab groundwater samples. TPH was detected at a concentration of 1.9 milligrams per kilogram in soil and up to 8,000,000 micrograms per liter (ug/l) of TPH. In January 2003, two wells were installed and TPH was detected at a concentration of 2,100 ug/l.</p> <p>In February 2003, a 24-hour two phase extraction test was conducted and vapor influent concentrations peaked at 1,060 parts per million by volume (ppmv) after 18 hours of operation. Approximately 13.5 lbs of petroleum hydrocarbons were recovered. In April 2005, the TPH concentrations in the groundwater monitoring wells was reduced by these remediation efforts to 400 ug/l.</p> <p>In September 2006, the 40,000-gallon UST was removed. Two soil samples were collected from under the UST and dispenser and TPH (C13-C28) and TPH (C29-C40) were detected at a concentration of up to 360 and 860 ppm, respectively. Only TPH (C13-C28) was detected in the groundwater samples collected from the excavation at a concentration of 530 ug/l.</p> <p>Groundwater monitoring wells CW-1, CW-2, JD-1, JD-2, and RIC-4, and extraction wells EW-1 and EW-2, were abandoned via pressure grouting by Wayne Perry, Inc on August 6, 2010 under a permit approved by the Orange County Health Care Agency, Environmental Health Division.</p> <p>Although a "no further action letter" letter was issued for the four USTs dated August 13, 2010, additional soil and soil vapor samples should be collected to evaluate if residual impacts are above levels that pose a risk to residential redevelopment.</p>			
Ricoh Electronics, Inc 2310 Red Hill Avenue Santa Ana, CA 92705	HIST UST	Target Property	Yes
<p>This listing is regarding the three USTs that were removed in July 1998 and one 40,000-gallon UST removed in September 2006 that are discussed above.</p>			

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

RECORDS REVIEW

July 24, 2018

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
Ricoh Electronics, Inc. 2300-2310 Red Hill Avenue Santa Ana, CA	EMI	Target Property	No
This listing is related to the release of total hydrocarbon gases; reactive gases; nitrogen oxides; Sulphur oxides from the Property and regulated by the South Coast Air Quality Management District. There are no reported violations regarding these listings.			
Ricoh Electronics, Inc. 2300-2320 Red Hill Avenue Santa Ana, CA	HAZNET	Target Property	No
The listing is related to the off-site disposal aqueous solution with total organics residues less than 10 percent and adhesives. No further details were provided regarding the listing.			
Southern California Edison 2320 Red Hill Avenue Santa Ana, CA	HAZNET	Target Property	No
The listing is related to the off-site disposal of 1.71 tons of unspecified waste. No further details were provided regarding the listing.			
Ricoh Electronics, Inc. 2320 Red Hill Avenue Santa Ana, CA	RGA LUST; ECHO; LUST; CA FID UST; EMI; HIST CORTESE; NPDES; WDS; CIWQS; FINDS	Target Property	Yes
This is a duplicate listing for the three USTs that were removed in July 1998 and one 40,000-gallon UST removed in September 2006 that are discussed above.			

4.2.2 Listings for Nearby Sites with Potential to Impact Property

Stantec assessed data presented in the environmental agency database search report to evaluate the potential for conditions to pose a REC, CREC, or HREC for the Property.

Based on this evaluation, the following individual facilities were identified as the most likely potential sources of impact to the Property. The basis for why each of the following listed databases creates a REC for the property is also provided.

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
Tustin Marine Corps Air Station USMCAF Tustin	DOD; CPS-SLIC; LUST	Approximately 470 feet / southeast	Yes



**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

RECORDS REVIEW

July 24, 2018

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
Vestar – MCAS Tustin Vestar – The District at Tustin Legacy (Former MCA Jamboree) USMCAS TUSTIN UST 32 Tustin, CA 92710			
<p>The District at Tustin Legacy retail shopping development is located southeast beyond Red Hill Avenue and was formerly a portion of the Marine Corps Air Station (MCAS). The Marines ceased operations at the MCAS property in July 1999. The Navy is still conducting activities to remediate impacts to soil and groundwater in several areas impacted with jet fuel, petroleum hydrocarbons, metals, and volatile organic compounds. From 2007 to 2010, approximately 46,000 cubic yards of soil was removed and disposed of off-site. The groundwater encountered during the excavations was removed and filtered through granular activated carbon and used onsite for dust control.</p> <p>In June 2014, the Navy installed three groundwater monitoring wells near and downgradient of the groundwater sampling locations where there was the highest trichloroethylene (TCE) detections. Four rounds of groundwater sampling were conducted between June 2014 and May 2015. The maximum concentration of TCE detected was 10 ug/l. The first and last two sampling events had TCE concentrations less than the cleanup goal of 5 ug/l. Naphthalene, vinyl chloride, benzene, ethylbenzene, toluene, xylenes, and TPH as diesel or motor oil were not detected in any of the groundwater samples. TPH as gasoline was detected at concentrations less than or at the reporting limit of 50 ug/l at one location. The groundwater monitoring wells were destroyed in March 2017.</p> <p>Given the distance to the Property, the facility represents a potential vapor encroachment condition (PVEC) to the Property. Stantec recommends collecting soil vapor samples along the southeastern perimeter to determine if there is any impact to the soil vapor beneath the perimeter of the Property.</p>			
Brasstech – Carnegie 2001 Carnegie Avenue Tustin, CA 92780	RCRA-LQG;	Adjacent to the southwest	No
<p>The facility is listed as a large quantity generator of hazardous waste with minor violations reported on June 23, 2011 and May 13, 2009. No further details were provided regarding the listing.</p>			

The remaining listings in the database search report provided in Appendix D do not constitute a potential REC for the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

RECORDS REVIEW

July 24, 2018

4.3 LOCAL/REGIONAL ENVIRONMENTAL RECORDS

Stantec checked the following sources to obtain information pertaining to Property use and/or indications of RECs in connection with the Property:

4.3.1 State Departments

Agency Name Contact Information	Finding
Department of Toxic Substances Control 5796 Corporate Avenue Cypress, CA 90630-4732 Phone: 714-484-5300 Online database: http://www.envirostor.dtsc.ca.gov/public/	On June 29, 2018, Stantec searched the Department of Toxic Substances Control's online database Geotracker for available records for the Property addresses. No records were available for the Property addresses or adjacent properties.
Division of Oil, Gas, and Geothermal Resources (DOGGR), Division 1, Department of Conservation 5816 Corporate Avenue, Suite 200 Cypress, CA 90630	According to the Well Finder map located on the DOGGR website, there are no active oil wells within a 5 mile radius of the Property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

RECORDS REVIEW

July 24, 2018

4.3.2 Regional Water Quality Control Board – Region 8

Agency Name Contact Information	Finding
Regional Water Quality Control Board (RWQCB) – Region 8 3737 Main Street, Suite 500 Riverside, CA 92501 Date of contact: July 2, 2018	<p>On July 2, 2018, Stantec reviewed available records for the Property at the RWQCB. Records available consisted of groundwater monitoring reports, NPDES permits, soil and groundwater investigation reports, and underground storage tank removal reports that are previously summarized in Section 4.2.1.</p> <p>Additionally, according to the RWQCB's online database the Property received regulatory closure on August 13, 2010 for a release of diesel, other solvent or non-petroleum hydrocarbon. These records are discussed in Section 4.2.2.</p> <p>It should be noted that RWQCB records include a figure showing the presence of an 8,000-gallon diesel UST at the northeast corner of Building 2. However, the figure is unscaled and there is no clear indication in RWQCB records regarding whether the UST was removed. Further documentation pertaining to this UST may be held by the Orange County Health Care Agency (OCHCA). A records request submitted to OCHCA is pending as of the date of this report (Section 4.3.3).</p> <p>Copies of the closure letter and excerpts of available records are provided in Appendix E.</p>

4.3.3 Orange County Health Care Agency – Environmental Health

Agency Name Contact Information	Finding
Orange County Health Care Agency 1241 E. Dyer Road, Ste. 120 Santa Ana, CA 92702 Date of contact: June 21, 2018	<p>Stantec requested available records for the Property addresses. At the time of the preparation of this report no response had been received. Should any pertinent information become available Stantec will issue an addendum to this report. However, based on the historical information available the lack of a response from this agency is not considered a significant data gap.</p>

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

RECORDS REVIEW
July 24, 2018

4.3.4 Orange County Fire Authority

Agency Name Contact Information	Finding
Orange County Fire Authority 1 Fire Authority Road Irvine, CA 92602 Date of contact: June 27, 2018	On July 12, 2018, Stantec received copies of records on file at the Orange County Fire Authority (OCFA) for the Property addresses. The records pertained to routine fire inspections of fire sprinklers and storage of flammable chemicals including propylvinyl alcohol, argon, oxygen, pluronic, and dimethyl, methylhydrogen siloxane. No violations were noted in the records. The records obtained from OCFA are included in Appendix E.

4.3.5 City of Santa Ana Planning and Building Department

Agency Name, Contact Information	Findings
City of Santa Ana Planning and Building Department 20 Civic Center Plaza Santa Ana, CA 92701 Date of contact: June 27, 2018 Website: http://www.ci.santa-ana.ca.us	Stantec searched the City of Santa Ana's online database for records for the Property. Records available included public works applications for inspection records for electrical/framing/plumbing, communication lines, an encroachment permit, sign permits, and UST removal applications.

4.4 HISTORICAL RECORDS REVIEW

4.4.1 Land Title Records/Deeds

Land title records and deeds were not provided by the User, and public records were not searched by Stantec. No other land title records were reviewed by Stantec as part of this assessment.

4.4.2 Aerial Photographs

Stantec reviewed historical aerial photographs provided by EDR. The general type of activity on a property and land use changes can often be discerned from the type and layout of structures visible in the photographs. However, specific elements of a facility's operation usually cannot be discerned from aerial photographs alone. Copies of the available aerial photographs are provided in Appendix F. The following table summarizes Stantec's observations of the reviewed historical aerial photographs.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

RECORDS REVIEW

July 24, 2018

Year	Scale	Observations, Property and Adjoining Properties
1938	1=500'	The Property and surrounding area are depicted as light agricultural use. Small support structures are located in the eastern corner of the Property. Roads appear along the southeastern and northeastern perimeter.
1946 1952 1963	1=500'	The Property and adjacent land to the north, west, and northeast appear similar to the previous photograph. Marine housing barracks appear to the southeast beyond the road.
1972	1=500'	The Property and adjacent land to the north, west, and northeast appear similar to the previous photograph. The marine barracks have been redeveloped with new small structures and aboveground tanks. Commercial/light industrial structures appear to the north.
1977	1=500'	The Property appears to be vacant land. A commercial/industrial building appears adjacent to the southwest. Railroad spurs appear along the western boundary and are associated with the adjacent building.
1985	1=500'	The Property is depicted with the existing three buildings and vacant lot. The existing commercial/light industrial buildings appear on the adjacent areas. The majority of the buildings and tanks in the marine area to the southeast beyond Red Hill Avenue have been removed.
1989 1994	1=500'	The Property and surrounding area appear similar to the previous photograph. A helicopter parking area appears on the marine area to the southeast beyond Red Hill Avenue.
2005	1=500'	The Property and surrounding area appear similar to the previous photograph. The marine area to the southeast does not appear to be active.
2009 2012 2016	1=500'	The Property and surrounding area appear similar to the previous photograph. The area to the southeast beyond Red Hill Avenue is a vacant lot with only concrete foundations remaining.

Name of aerial photograph source: EDR, 2018

Based on review of historical documents including aerial photographs and topographic maps, the Property appears to have been used for light agricultural use until circa 1952. A railroad spur appears on the western portion of the Property in the 1977 aerial photograph. Accordingly, Stantec recommends performing a shallow soil assessment at the Property to evaluate whether residual pesticides or heavy metals associated with historical herbicide applications or the

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

RECORDS REVIEW

July 24, 2018

adjacent railroad spur are present above regulatory screening levels, human health risk criteria for residential uses or California hazardous waste levels.

4.4.3 City Directories

Stantec retained a third party to research available reverse city directories for the Property, in approximately five year intervals. The EDR City Directory Abstract is provided in Appendix F. The following is a summary of Stantec's review of the city directory listings:

Subject/Adjoining Property	Year	Listed Occupants
2300 Red Hill Avenue	1986-1991	Ricoh Electronics, Inc.
2310 Red Hill Avenue	1956	Decker W P
2310 Red Hill Avenue	2014	Ricoh Electronics, Inc.
2320 Red Hill Avenue	2002-2014	Ricoh Electronics, Inc.
1920 E Warner Avenue - Adjoining North	-	Not listed
1951 Carnegie Avenue Adjoining Southwest	-	Not listed
2001 Carnegie Avenue Adjoining Southwest	-	Not listed

Name of city directories and source: EDR, 2018

4.4.4 Historical Fire Insurance Maps

Fire insurance maps were developed for use by insurance companies to depict facilities, properties, and their uses for many locations throughout the United States. These maps provide information on the history of prior land use and are useful in assessing whether there may be potential environmental contamination on or near the Property. These maps, which have been periodically updated since the late 19th century, often provide valuable insight into historical Property uses.

Stantec requested fire insurance maps from EDR; however, no coverage exists for the Property. The Sanborn® Map Search Report indicating "no coverage" is presented in Appendix F.

4.4.5 Historical Topographic Maps

Stantec reviewed historical identify map USGS 7.5-Minute Topographic Maps of the Tustin and Santa Ana, California Quadrangles (scale 1:24,000) to help identify past Property usage and areas of potential environmental concern. No additional RECs were noted during our review of the topographic maps. Copies of the historical maps are provided in Appendix F. The following table summarizes the maps reviewed and our observations.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

RECORDS REVIEW

July 24, 2018

Year	Scale	Observations, Property and Adjoining Properties
1896 1901 1902	1:62,500 1:125,000	No structures or indicators of potential RECs were depicted on the map. Roads appear along the southern and western Property boundaries.
1932 1935 1942	1:31,680 1:50,000	No structures or indicators of potential RECs were depicted on the Property. Red Hill Avenue is identified along southeastern perimeter. Delhi appears along the northern perimeter.
1948 1950	1:24,000	No structures or indicators of potential RECs were depicted on the Property. Barracks associated with the Naval Reservation are depicted to the southeast beyond Red Hill Avenue.
1965 1972	1:24,000	No structures or indicators of potential RECs were depicted on the Property. The Tustin city limit appears along the northern perimeter.
1981	1:24,000	No structures or indicators of potential RECs were depicted on the Property. A railroad spur appears along the western boundary. Commercial properties appear adjacent to the north and southwest.
2012	1:24,000	The current configuration of adjacent streets and roads are depicted on the map. No site details are provided.

Name of maps and source: EDR, 2018

4.4.6 Other Historical Sources

No other historical sources were researched.

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

SITE RECONNAISSANCE

July 24, 2018

5.0 SITE RECONNAISSANCE

A visit to the Property and its vicinity was conducted by Ms. Alicia Jansen, Associate Scientist with Stantec on June 26, 2018. Access to the Property was provided by Mr. Dave Desper, Executive Vice President of CBRE, Inc. Stantec was accompanied by Mr. Desper during the Property visit. Figure 2 provides information about the Property and adjoining properties and the location of potential areas of environmental concern. Photographs collected during the Property visit are included in Appendix A.

5.1 SITE RECONNAISSANCE METHODOLOGY

The site reconnaissance focused on observation of current conditions and observable indications of past uses and conditions of the Property that may indicate the presence of RECs. The reconnaissance of the Property was conducted on foot and Stantec utilized the following methodology to observe the Property:

- Traverse the outer Property boundary.
- Traverse transects across the Property.
- Traverse the periphery of all structures on the Property.
- Visually observe accessible interior areas expected to be used by occupants or the public, maintenance and repair areas, utility areas, and a representative sample of previously occupied spaces.

Weather conditions during the visit to the Property were clear and sunny. There were no weather related Property access restrictions encountered during the reconnaissance visit.

5.2 GENERAL DESCRIPTION

Property and Area Description:	The Property is located on the western corner of the intersection of East Warner Avenue and Red Hill Avenue in the City of Santa Ana, County of Orange, California. The Property is located on the city limits of Santa Ana and Tustin. The surrounding area consists of commercial and light industrial buildings.
Property Operations.	The Property was formerly occupied by Ricoh Electronics, Inc., a manufacturer and distributor of thermal paper. The Property has been vacant for approximately 3 months.
Structures, Roads, Other Improvements:	The Property is developed with three vacant warehouse buildings and associated parking lots. A vacant lot is located in the northeastern corner of the Property.
Property Size (acres):	Approximately 14.53 acres.



**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

SITE RECONNAISSANCE

July 24, 2018

Estimated % of Property Covered by Buildings and/or Pavement:	80%
Observed Current Property Use/Operations:	Vacant
Observed Evidence of Past Property Use(s):	The Property was formerly occupied by Ricoh Electronics, Inc., a manufacturer and distributor of thermal paper.
Sewage Disposal Method (and age):	City of Santa Ana
Potable Water Source:	City of Santa Ana
Electric Utility:	Southern California Edison

5.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

The following table summarizes Stantec's observations during the Property reconnaissance.

Observations	Description/Location
Hazardous Substances and Petroleum Products as Defined by CERCLA 42 U.S.C. § 9601(14):	None observed.
Drums (\geq 5 gallons):	None observed.
Strong, Pungent, or Noxious Odors:	None detected.
Pools of Liquid:	None observed.
Unidentified Substance Containers:	None observed.
PCB-Containing Equipment:	None observed.
Other Observed Evidence of Hazardous Substances or Petroleum Products:	Large machines used during the thermal paper processing were formerly located in the western portion of Building 1. Concrete pads where large tanks and supporting machines were located are present along the exterior of Building 1 and 2. A former machine shop was located on the first floor and a former lab area was located on the second floor of Building 2. An enclosed storage area was also observed along the northern exterior of Building 2 which likely contained hazardous materials.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

SITE RECONNAISSANCE

July 24, 2018

5.4 INTERIOR OBSERVATIONS

Stantec made the following observations during the Property reconnaissance of the building interiors at the Property and/or identified the following information during the interview or records review portions of the assessment:

Observations	Description
Heating/Cooling Method:	Roof mounted HVAC.
Surface Stains or Corrosion:	None observed.
Floor Drains and Sumps:	Trenches were observed in the western portion of Building 1 where the former thermal processing area was located. According to Mr. Desper, the trenches were for the footings of the large machines used during the thermal processing. No drains, pools of liquid, or staining were observed within the trenches.
Other Interior Observations:	None observed.

5.5 EXTERIOR OBSERVATIONS

Stantec made the following observations during the site reconnaissance of exterior areas of the Property and/or identified the following information during the interview or records review portions of the assessment:

Observations	Description
On-site Pits, Ponds, or Lagoons:	None observed.
Stained Soil or Pavement:	None observed.
Stressed Vegetation:	None observed.
Waste Streams and Waste Collection Areas:	One dumpster was observed along the eastern exterior of Building 1. No evidence of illegal disposal was observed.
Solid Waste Disposal:	No areas indicative of solid waste disposal were observed.
Potential Areas of Fill Placement:	No mounds, piles or depressions suggesting the placement of fill material were observed on the Property.
Wastewater:	No exterior wastewater discharge was observed.
Stormwater:	Concrete lined drainage channels with storm drains were observed throughout the parking lot and between the buildings.
Wells:	Groundwater monitoring wells CW-1, CW-2, JD-1, JD-2, and RIC-4, and extraction wells EW-1 and EW-2, were

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

SITE RECONNAISSANCE
July 24, 2018

Observations	Description
	abandoned via pressure grouting by Wayne Perry, Inc on August 6, 2010 under a permit approved by the Orange County Health Care Agency, Environmental Health Division.
Septic Systems:	No visible evidence of the existence of a septic system was observed.
Other Exterior Observations:	None.

5.6 UNDERGROUND STORAGE TANKS/STRUCTURES

Existing USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), which would indicate the presence of USTs, was discovered during the site reconnaissance.
Former USTs:	According to the case closure summary, four underground storage tanks (USTs) including one 30,000-gallon; one 40,000-gallon; and two 50,000-gallon all containing isoparaffin aliphatic hydrocarbons (ISOPAR G) were removed from the Property in 1998 and 2006. The ISOPAR G was used to manufacture toner. The reports reviewed indicate that a release of ISOPAR G occurred at the Property. This release affected soil and groundwater beneath the Property. In response to this detected release, the Property underwent remedial action. As part of that remediation, approximately 2,160,000-gallons of groundwater were extracted and treated using granulated activated carbon; 4,371-gallons of isopar was removed with the groundwater and disposed of off-site; and an unknown amount of impacted soil was excavated and disposed of off-site. The UST removal and subsequently soil sampling was overseen by the Regional Water Quality Control Board (RWQCB). Although a "no further action letter" letter was issued for the four USTs dated August 13, 2010, additional soil and soil vapor samples should be collected to evaluate if residual impacts are above levels that pose a risk to residential redevelopment.
Other Underground Structures:	None observed.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

SITE RECONNAISSANCE

July 24, 2018

5.7 ABOVEGROUND STORAGE TANKS

Existing ASTs:	No visible evidence which would indicate the presence of ASTs, was discovered during the site reconnaissance.
Former ASTs:	A concrete pad indicating the location of a former AST was along the southwestern exterior of Building 3 near the former USTs. Additionally, multiple concrete equipment pads were observed along the exterior of Building 1 and Building 2.

5.8 ADJOINING PROPERTIES

5.8.1 Current Uses of Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about use and activities on adjoining properties:

NORTH	Light Industrial/Commercial businesses.
SOUTH	Red Hill Avenue beyond which is a vacant lot and blimp hanger.
EAST	East Warner Avenue beyond which are multiple light Industrial/commercial businesses.
WEST	Light Industrial/Commercial businesses.

5.8.2 Observed Evidence of Past Uses of Adjoining Properties

Observations of adjoining properties providing indications of past use and activities, if any, are described below.

NORTH	None observed.
SOUTH	None observed.
EAST	None observed.
WEST	None observed.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

SITE RECONNAISSANCE
July 24, 2018

5.8.3 Pits, Ponds or Lagoons on Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about the presence of pits, ponds and lagoons on adjoining properties:

NORTH	None observed.
SOUTH	None observed.
EAST	None observed.
WEST	None observed.

5.9 OBSERVED PHYSICAL SETTING

Topography of the Property and Surrounding Area:	The Property and surrounding area appears to be relatively flat.
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**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

INTERVIEWS
July 24, 2018

6.0 INTERVIEWS

Stantec conducted interviews with the following individuals:

Name and contact information	Relationship to Property	Key findings:
Mr. Dave Desper	Executive Vice President of CBRE, Inc.	Mr. Desper is not aware of any environmental issues or notices of violation related to the Property or adjacent properties.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

EVALUATION

July 24, 2018

7.0 EVALUATION

This section provides a summary overview of or Findings, Opinions, and Conclusions.

7.1 FINDINGS AND OPINIONS

Information gathered from interviews, reviews of existing data, and a property inspection was evaluated to determine if RECs are present in connection with the Property. Based on this

Finding 1: Based on review of historical documents including aerial photographs and topographic maps, the Property appears to have been used for light agricultural use until circa 1952. The Property was developed with the current buildings in circa 1980. Additionally, a railroad spur appears along the western Property boundary.

Opinion 1: Stantec recommends performing a shallow soil assessment at the Property to evaluate whether residual pesticides or heavy metals associated with historical herbicide applications and the adjacent railroad spur are present above regulatory screening levels, human health risk criteria for residential uses or California hazardous waste levels.

Finding 2: The Property was formerly a manufacturer and distributor of thermal paper. Large machines were formerly located in the western portion of Building 1. Concrete pads where large tanks and supporting machines were located are present along the exterior of Building 1 and 2. An enclosed storage area was also observed along the northern exterior of Building 2 which likely contained hazardous materials. A cooling system and piping were also observed along the western exterior of Building 2.

Opinion 2: Although no significant surface staining was observed during the site reconnaissance the Property has been utilized as a thermal paper manufacturing facility since the circa 1985, therefore there is a potential for small releases to the subsurface beneath the equipment throughout the tenure.

Finding 3: According to the case closure summary, four underground storage tanks (USTs) including one 30,000-gallon; one 40,000-gallon; and two 50,000-gallon all containing isoparaffin aliphatic hydrocarbons (ISOPAR G) were removed from the Property in 1998 and 2006. The ISOPAR G was used to manufacture toner. The reports reviewed indicate that a release of ISOPAR G occurred at the Property. This release affected soil and groundwater beneath the Property. In response to this detected release, the Property underwent remedial action. As part of that remediation, approximately 2,160,000-gallons of groundwater were extracted

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

EVALUATION

July 24, 2018

and treated using granulated activated carbon; 4,371-gallons of ispoar was removed with the groundwater and disposed of off-site; and an unknown amount of impacted soil was excavated and disposed of off-site. The UST removal and subsequently soil sampling was overseen by the Regional Water Quality Control Board (RWQCB).

RWQCB records also included a figure showing the presence of an 8,000-gallon diesel UST at the northeast corner of Building 2. However, the figure is unscaled and there is no clear indication in RWQCB records regarding whether the UST was removed. Further documentation pertaining to this UST may be held by the Orange County Health Care Agency (OCHCA). A records request submitted to the OCHCA is pending as of the date of this report.

Opinion 3: Although a "no further action letter" letter was issued for the four USTs dated August 13, 2010, additional soil and soil vapor samples should be collected to evaluate if residual impacts are above levels that pose a risk to residential redevelopment.

Additionally, in the absence of OCHCA records, Stantec recommends collecting soil and soil vapor samples at the general location of the diesel UST indicated on the figure included in RWQCB documents. However, records held by OCHCA should still be obtained once they are available in order to confirm whether or not the UST has been removed.

Finding 4: A former machine shop was located in building 2. No significant staining was noted in the machine shop area, but it is suspected that oils and other chemicals may have been used in this area.

Opinion 4: Stantec recommends a subsurface assessment to evaluate if a release occurred from this machine shop area inside of building 2 to evaluate if a release occurred that would affect the residential development of the Property.

Finding 5: It is reported that in the southeastern portion of building 3 toner was manufactured. The ISOPAR G noted above was used in this process in the building.

Opinion 5: Stantec recommends a subsurface assessment to evaluate if a release occurred from this manufacturing area inside of building 3 to evaluate if a release occurred that would affect the residential development of the Property.

Finding 6: An environmental records search was performed and identified sites within their respective ASTM E 1527-13 search radii of the Property that may represent RECs, HRECs, or de minimis conditions. The District at Tustin Legacy retail shopping development is located southeast beyond Red Hill Avenue and was formerly a

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

EVALUATION

July 24, 2018

portion of the Marine Corps Air Station (MCAS) which has known impacts to soil and groundwater with contaminants including jet fuel, petroleum hydrocarbons, metals, and volatile organic compounds.

Opinion 6: Given the distance to the Property, the facility represents a potential vapor encroachment condition (PVEC) to the Property. Stantec recommends collecting soil vapor samples along the southeastern perimeter to determine if there is any impact to the soil vapor beneath the perimeter of the Property

7.2 DATA GAPS

The federal AAI rule [40 CFR 312.10(a)] and ASTM E1527-13 identify a “data gap” as the lack or inability to obtain information required by the standards and practices of the rule despite good faith efforts by the Environmental Professional or the User.

Any data gaps resulting from the Phase I ESA described in this report are listed and discussed below.

Gap	Discussion
Deletions or Exceptions From Scope of Work Referenced in Section 1.4:	None,
Weather-Related Restrictions To Site Reconnaissance:	None
Facility Access Restrictions to Site Reconnaissance:	None
Other Site Reconnaissance Restrictions:	None
Data Gaps From Environmental Records Review:	None
Data Gaps From Historical Records Review:	None
Data Gaps From Interviews:	Given the Property was vacant at the time of the site reconnaissance Stantec was unable to conduct an interview with a contact with historical knowledge of the Property operations. Therefore, Stantec made inferences of historical equipment and hazardous materials locations based on existing site features.
Other Data Gaps:	None

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

EVALUATION

July 24, 2018

7.3 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of 2300, 2310, and 2320 Red Hill Avenue, Santa Ana, California, the Property. Any exceptions to, or deletions from, this practice are described in the Data Gaps section of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the property except for the following:

- **Former USTs.** According to the case closure summary, four underground storage tanks (USTs) including one 30,000-gallon; one 40,000-gallon; and two 50,000-gallon all containing isoparaffin aliphatic hydrocarbons (ISOPAR G) were removed from the Property in 1998 and 2006. The ISOPAR G was used to manufacture toner. The reports reviewed indicate that a release of ISOPAR G occurred at the Property. This release affected soil and groundwater beneath the Property. In response to this detected release, the Property underwent remedial action. As part of that remediation, approximately 2,160,000-gallons of groundwater were extracted and treated using granulated activated carbon; 4,371-gallons of isopar were removed with the groundwater and disposed of off-site; and an unknown amount of impacted soil was excavated and disposed of off-site. The UST removal and subsequently soil sampling was overseen by the Regional Water Quality Control Board (RWQCB). Although a "no further action letter" letter was issued for the four USTs dated August 13, 2010, additional soil and soil vapor samples should be collected to evaluate if residual impacts are above levels that pose a risk to residential redevelopment.

It should be noted that RWQCB records include a figure showing the presence of an 8,000-gallon diesel UST at the northeast corner of Building 2. However, the figure is unscaled and there is no clear indication in RWQCB records regarding whether the UST was removed. Further documentation pertaining to this UST may be held by the Orange County Health Care Agency (OCHCA). A records request submitted to the OCHCA is pending as of the date of this report. In the absence of OCHCA records, Stantec recommends collecting soil and soil vapor samples at the general location of the diesel UST indicated on the figure included in RWQCB documents. However, records held by OCHCA should still be obtained once they are available in order to confirm whether or not the UST has been removed.

- **Former Thermal Paper Processing.** The Property was formerly a manufacturer and distributor of thermal paper. Large machines were formerly located in the western portion of Building 1. Concrete pads where large tanks and supporting machines were located are present along the exterior of Building 1 and 2. An enclosed storage area was also observed along the northern exterior of Building 2 which likely contained hazardous materials. A cooling system and piping were also observed along the western exterior of Building 2. Although no significant surface staining was observed during the site reconnaissance the Property has been utilized as a thermal paper manufacturing

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

EVALUATION

July 24, 2018

facility since the circa 1985, therefore there is a potential for small releases to the subsurface beneath the equipment throughout the tenure. Stantec recommends a subsurface assessment to evaluate if a release occurred from this equipment inside of building 1 and outside where the tanks were located to evaluate if a release occurred that would affect the residential development of the Property.

- **Former Machine Shop.** A former machine shop was located in building 2. No significant staining was noted in the machine shop area, but it is suspected that oils and other chemicals may have been used in this area. Stantec recommends a subsurface assessment to evaluate if a release occurred from this machine shop area inside of building 2 to evaluate if a release occurred that would affect the residential development of the Property.
- **Former Toner Manufacturing Area.** It is reported that in the southeastern portion of building 3 toner was manufactured. The ISOPAR G noted above was used in this process in the building. Stantec recommends a subsurface assessment to evaluate if a release occurred from this manufacturing area inside of building 3 to evaluate if a release occurred that would affect the residential development of the Property.
- **Historical Agricultural Use.** Based on review of historical documents including aerial photographs and topographic maps, the Property appears to have been used for light agricultural use until circa 1952. Accordingly, Stantec recommends performing a shallow soil assessment at the Property to evaluate whether residual pesticides or heavy metals associated with historical herbicide applications are present above regulatory screening levels, human health risk criteria for residential uses or California hazardous waste levels.
- **Adjacent Railroad Spur.** Based on review of historical documents including aerial photographs and topographic maps, a railroad spur appears along the western Property boundary. Accordingly, Stantec recommends performing a shallow soil assessment at the Property to evaluate whether residual pesticides or heavy metals associated with the railroad spur are present above regulatory screening levels, human health risk criteria for residential uses or California hazardous waste levels.
- **Neighboring Facility.** The District at Tustin Legacy retail shopping development is located southeast beyond Red Hill Avenue and was formerly a portion of the Marine Corps Air Station (MCAS) which has known impacts to soil and groundwater with contaminants including jet fuel, petroleum hydrocarbons, metals, and volatile organic compounds. Given the distance to the Property, the facility represents a potential vapor encroachment condition (PVEC) to the Property. Stantec recommends collecting soil vapor samples along the southeastern perimeter to determine if there is any impact to the soil vapor beneath the perimeter of the Property.

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

NON-SCOPE CONSIDERATIONS

July 24, 2018

8.0 NON-SCOPE CONSIDERATIONS

No ASTM E1527-13 non-scope services were performed as part of this Phase I ESA with the following exceptions:

8.1 LEAD-BASED PAINT

Concern for lead-based paint (LBP) is primarily related to residential structures. The EPA's Final Rule on Disclosure of Lead-Based Paint in Housing (40 CFR Part 745) defines LBP as paint or other surface coatings that contain lead equal to or in excess of 1.0 milligram per square centimeter or 0.5 percent by weight.

The risk of lead toxicity in LBP varies based upon the condition of the paint and the year of its application. The U.S. Department of Housing and Urban Development (HUD) has identified the following risk factors:

The age of the dwelling as follows: maximum risk is from paint applied before 1950.

There is severe risk from paint applied before 1960.

There is moderate risk from deteriorated paint applied before 1970.

There is slight risk from the paint that is intact but applied before 1977.

The condition of the painted surfaces.

The presence of children and certain types of households in the building.

Previously reported cases of lead poisoning in the building or area.

Painted surfaces were observed on the Property buildings which appears to have been constructed circa 1980. All paint appears to be in good condition. However, Stantec recommends conducting a lead-based paint survey prior to the disturbance of these painted surfaces in accordance with local and federal regulations.

8.2 ASBESTOS

Asbestos can be found in many applications, including sprayed-on or blanket-type insulation, pipe wraps, mastics, floor and ceiling tiles, wallboard, mortar, roofing materials, and a variety of other materials commonly used in construction. The greatest asbestos-related human health risks are associated with friable asbestos, which is ACM that can be reduced to powder by hand pressure. Friable asbestos can become airborne and be inhaled and has been associated with specific types of respiratory disease. The manufacturing and use of asbestos in most building products was curtailed during the late 1970s.

PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

NON-SCOPE CONSIDERATIONS

July 24, 2018

Stantec makes no warranty as to the possible existence or absence of inaccessible materials or to their evaluation with respect to asbestos content. Samples of suspect ACM should be collected for laboratory analysis of asbestos prior to any renovation or building demolition, in order to determine the need for compliance with EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations.

Due to the Property structure being constructed circa 1980, the presence of ACM is considered possible. Therefore, Stantec recommends conducting a ACM survey prior to the disturbance and/or removal of the structure in accordance with local and federal regulations. Additionally, a portion of the Property is paved with asphalt. A stress absorbing fabric marketed as Petromat® is sometimes used in asphalt paving operations. That tack coating often associated with this material sometimes contains asbestos. Stantec recommends inspecting the asphalt as part of the other assessment referenced above, for the presence of Petromat and if observed, sampling the Petromat for the presence of asbestos.

8.3 RADON

Radon is a colorless, tasteless radioactive gas with an EPA-specified action level of 4.0 PicoCuries per liter of air (pCi/L) for residential properties. Radon gas has a very short half-life of 3.8 days. The health risk potential of radon is primarily associated with its rate of accumulation within confined areas near or in the ground, such as basements, where vapors can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure. The radon concentrations in buildings and homes depend on many factors, including soil types, temperature, barometric pressure, and building construction (EPA, 1993).

Stantec reviewed regional data published by the EPA on average indoor radon concentrations in the vicinity of the Property (<http://www.epa.gov/radon/zonemap.html>).

EPA Radon Zones (w/Average Measured Indoor Radon concentrations)		
Zone 1 – High (>4.0 pCi/L)	Zone 2 – Moderate (2 to 4 pCi/L)	Zone 3 – Low (<2 pCi/L)

The property is located in Zone 3 and is considered to have low potential for radon. Five of the 64 tests conducted in Zip code 92705 were above 4 pCi/L. The average first floor living area concentration in Orange County is 0.763 pCi/L. To determine Property-specific radon levels, a radon survey would have to be conducted. However, based on the data available and the location is Zone 3, further investigation of indoor radon issues does not appear to be warranted.

8.4 FLOOD ZONES

According to the Physical Setting summary portion of the EDR report, the Property is not located within a 500-year or 100-year flood plain. The nearest Surface Water is Peters Canyon Channel, located approximately 1 mile southwest of the Property.



PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL 2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA

REFERENCES

July 24, 2018

9.0 REFERENCES

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process, Designation: E 1527-13, November 2013.

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR), 2018, website <http://www.conservation.ca.gov/dog/Pages/Wellfinder.aspx>

California Division of Mines and Geology (CDMG), 1966, Geologic Map of California, Santa Ana Sheet, scale 1:250,000.

California Regional Water Quality Control Board (CRWQCB), 1995, Water Quality Control Plan, Santa Ana Region – Region 8.

Environmental Data Resources, Inc. (EDR), EDR Radius Map with Geocheck, Inquiry Number 5341350.2s, dated June 22, 2018.

_____, Certified Sanborn Map Report, Inquiry Number 5341350.3, dated June 22, 2018.

_____, Historical Topographic Map Report, Inquiry Number 5341350.4, dated June 22, 2018.

_____, City Directory Abstract, Inquiry Number 5341350.5, dated June 22, 2018.

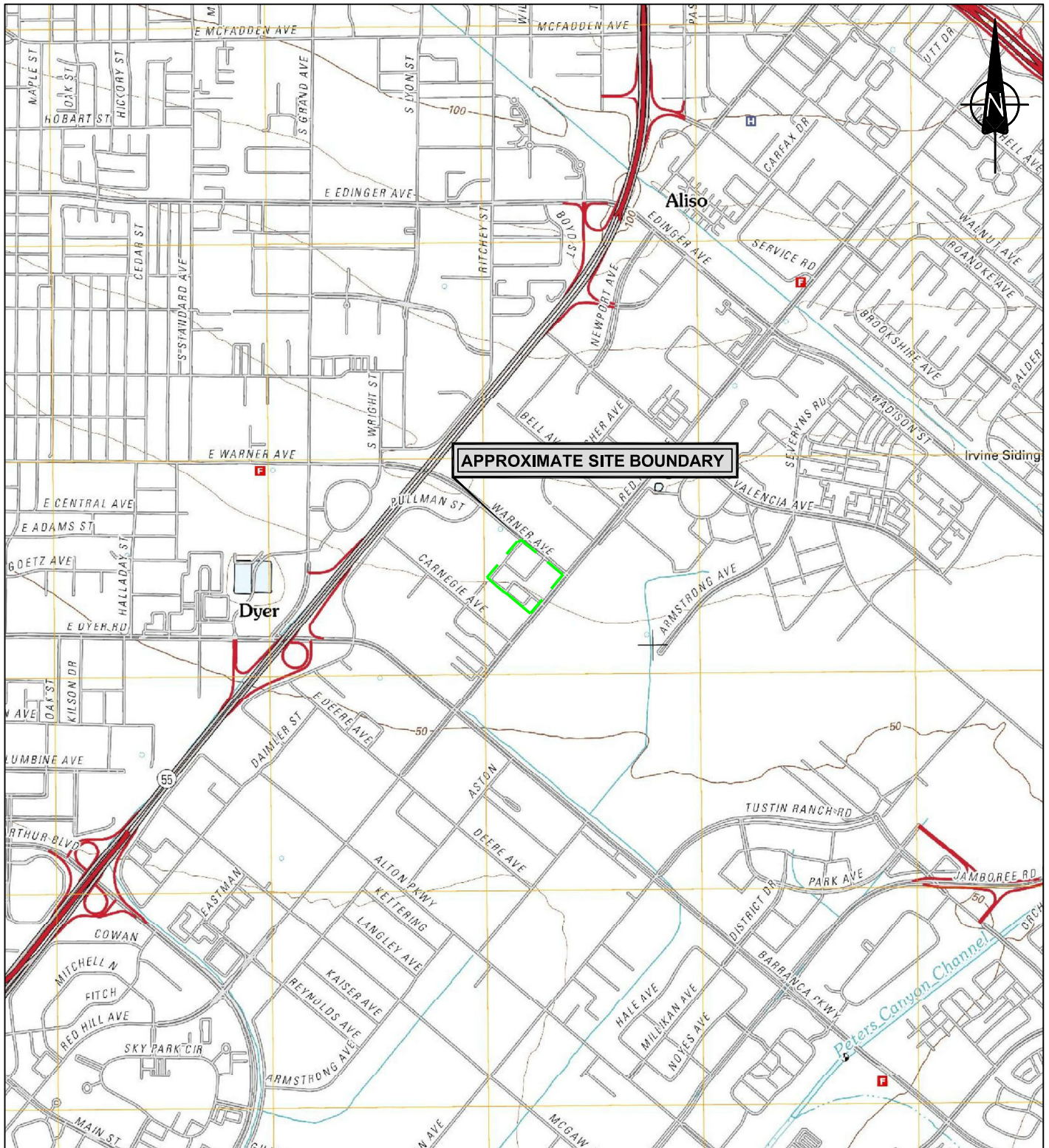
_____, Aerial Photo Decade Package, Inquiry Number 5341350.8, dated June 22, 2018.

United States Geological Survey (USGS), 2012, Tustin Quadrangle, 7.5 Minute Topographic Map, Scale 1 inch = 24,000 feet.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

FIGURES

FIGURES



0 2500 5000 7500 ft
SCALE : AS SHOWN

NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC SERVICES INC. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

PROPERTY LOCATION MAP

PHASE I ESA
2300 RED HILL AVENUE, SANTA ANA, CA

Project No.: 185804220
Scale: AS SHOWN
Date: 18/06/27
Dwn. By: CD_{PK} SC2018060045
App'd By: KE

Fig. No.:

1



Client: RECURRENT ENERGY



0 100 200 300 FT
SCALE : AS SHOWN

NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

PROPERTY DETAILS

PHASE I ESA

2300 RED HILL AVENUE, SANTA ANA, CA

Client: RECURRENT ENERGY

Project No.:	185804220
Scale:	AS SHOWN
Date:	18/06/27
Dwn. By:	CD PK SC2018060046
App'd By:	KE

Fig. No.:

2



**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

Appendix A – Photographs of the Property and Vicinity

Appendix A PHOTOGRAPHS OF THE PROPERTY AND VICINITY



Photo #1 View of Building 1 and the guard shack.



Photo #2 View of the former thermal processing area in the western portion of Building 1.



Photo #3 View of the former thermal processing area in the western portion of Building 1.



Photo #4 View of secondary containment where an empty tank was located along the northwestern exterior of Building 1.



Photo #5 View of pad mounted transformers along the western perimeter of Building 1 and Building 2.



Photo #6 View of the concrete former equipment pads along the southern exterior of Building 1 and the covered exterior storage area along the northern exterior of Building 2.



Photo #7 View of the interior of the exterior covered storage area along the northern exterior of Building 2.



Photo #8 View of cooling system and piping along the southwestern exterior corner of Building 2.



Photo #9 View of the first floor warehouse area and second floor office and lab space in Building 2.



Photo #10 View of lab area on second floor of Building 2.



Photo #11 View of the warehouse area in Building 3.



Photo #12 View of electrical switch area in the southeastern corner of Building 3.



Photo #13 View of the former tank and underground storage area along the south-southeastern exterior of Building 3.



Photo #14 View of vacant lot in the northeastern corner of the Property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

Appendix B – Stantec Resumes

Appendix B STANTEC RESUMES

Alicia is an Associate Scientist with over ten years of experience in Phase I and II Environmental Assessments, with strong emphasis in water quality and environmental research. She is experienced in California Environmental Quality Act (CEQA) compliance and the preparation of initial studies. Alicia has managed the preparation of environmental documents, training programs, and environmental compliance during large environmental monitoring projects. Alicia's environmental consulting experience includes performing asbestos and lead-based paint surveys, oversight of contractors during asbestos abatement, hazardous materials surveys, and Phase I Environmental Site Assessments in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13.

EDUCATION

BA, Environmental Studies, San Jose State University, San Jose, California, 2004

CERTIFICATIONS & TRAINING

Residential Measurement Provider, 108212, National Radon Proficiency Program, Anaheim, California, 2015

REGISTRATIONS

Certified Asbestos Consultant #CAC #15-5379, State of California Division of Occupational Safety and Health

Lead Related Construction Inspector Assessor #19526, California Department of Public Health

MEMBERSHIPS

Member, Groundwater Resources Association of California

PROJECT EXPERIENCE

Health, Safety & Industrial Hygiene

Confidential Health Care Company, Asbestos, Lead-Based Paint, and Hazardous Materials Survey, Northern California (Staff)

Alicia assisted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple occupied hospitals and office spaces. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings.

State of California General Services, Asbestos, Lead-Based Paint, and Hazardous Materials Survey, Northern California (Project Lead)

Alicia assisted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple communication towers in remote areas. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings.

** denotes projects completed with other firms*

Indoor Air Quality Assessments*, San Jose, California (Staff)

Alicia performed site inspections, interviews, and collected air samples to be analyzed for various air pollutants and molds including formaldehyde, penicillium, aspergillus, cladosporium, and stachybotry. She prepared reports summarizing findings and made recommendations.

Veteran's Administration of Puget Sound, Asbestos and Lead-Based Paint Survey, Seattle, Washington (Project Scientist)

Alicia served as the Project Scientist responsible for hazardous building material assessments, specifically asbestos and lead-based paint. These services were required as part of the pre-design tasks for this project. Over 300 samples were collected over the span of four days culminating in a final hazardous building materials report to be incorporated into the facility design as well as demolition activities once the construction phase of the project commences.

Interim Remedial Action, Indoor Air Sampling, and Sub-Slab Soil Gas Sampling, Sunnyvale, California (Staff)

Alicia conducted an indoor air sampling survey using air sampling pumps, dosimeter badges, and flame ionization detector (FID) during a sump excavation. She performs semi-annual sub-slab soil vapor sampling and indoor air quality surveys using summa canisters. She assists with the preparation and submittal of reports summarizing the findings and provides recommendations to the RWQCB.

Lead Dust Assessment and Abatement Oversight, Fremont, California (Project Scientist)

Alicia assisted with the evaluation of lead dust in an industrial facility. A total of 307 dust wipe samples were collected in order to evaluate the potential presence of lead dust throughout the two-story, 500,000 square foot manufacturing building.

Former Tesoro Coke Facility, Asbestos, Lead-Based Paint Survey, Pittsburg, California (Project Scientist)

Alicia assisted with an asbestos and lead paint survey of 20 structures at the facility ultimately scheduled for demolition. More than 200 samples were collected over the span of two days. A report was prepared that will stand up to regulatory scrutiny for demolition while providing the information needed for worker safety during demolition activities at the facility

Permitting, Compliance, Auditing

Tesoro Refinery, Initial Study*, Benicia, California (Staff)

Alicia assisted with the background research and preparation of applicant-prepared initial study for the upgrade of a refinery.

Transmission Line Upgrade*, San Mateo to San Francisco, California (Staff)

Alicia supported the environmental compliance program for the construction of a 27-mile 230 kV underground and overhead transmission line. She assisted with the preparation and submittal of variance requests, extra work space requests, and daily and weekly reports for submittal to the California Public Utilities Commission. She also conducted research and assisted with training and report preparation.

** denotes projects completed with other firms*

Remedial Investigations & Assessments

Multiple Confidential Clients, Phase I Environmental Site Assessments (ESA), Multiple Sites, California (Project Lead)

Alicia performs Phase I ESA in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13 to achieve compliance with requirements of the "All Appropriate Inquiries" rule required to obtain protection from liability under the federal Comprehensive Environmental Response, Cleanup and Liability Act (CERCLA). Previous sites include large industrial warehouses, multi-tenant commercial buildings, and residential properties. She reviews topographic maps, Sanborn Fire Insurance Maps, and files at local regulatory agencies. She interviews present and former property owners and performed site and adjacent property reconnaissance. She prepares reports summarizing the findings and provides recommendations for further assessment if applicable.

California Department of Transportation Portfolio, Multiple Sites, Northern California (Project Lead)

Alicia prepared quarterly groundwater monitoring reports, subsurface investigation reports, sensitive receptor surveys, and preferential pathway studies for various California Department of Transportation locations throughout northern California. She assisted with the utility locating, work plan preparation, field coordination, archived data onto the State Water Resource Control Board's (RWQCB) Geotracker electronic filing system.

Homebuilder, Soil Gas Sampling and Human Health Risk Assessment, San Jose, California (Project Lead)

Alicia performed a soil vapor survey in conformance with the DTSC, Advisory Active Soil Gas Investigations, using a low-dead volume soil vapor sampling device and a mobile laboratory for onsite chemical analysis. She also assisted with the report preparation summarizing the findings and providing recommendations for further assessment, if applicable.

Goodyear Portfolio, Northern California and Hawaii (Project Lead)

Alicia performed Phase I ESAs and Phase II Site Assessments for various Goodyear Tire & Rubber Company locations throughout California and Hawaii. She assisted with the installation of monitoring wells and exploratory borings; underground storage tank removals; site restoration; product removal with passive recovery system; archived data onto the State Water Resource Control Board's Geotracker electronic filing system; and assisted with the preparation of quarterly groundwater monitoring reports, sensitive receptor surveys, site conceptual models, and subsurface investigation reports.

Dion has extensive knowledge of underground storage tank investigations, Phase I and II environmental site assessment, groundwater monitoring and reporting, soil, soil vapor, and groundwater quality assessments, and testing for asbestos and lead based paint. His project experience is extensive and wide ranging and includes many types of soil, soil vapor, and groundwater assessment and monitoring for planned, existing, and former sites. Dion also has experience in testing fill soils placed on grading sites.

He has experience on redevelopment of former oil field sites that include submittal of construction site review plans, oil well mitigation (venting and casing alterations), abandonment of oil wells, and remedial investigations and remediation involving soil contamination.

Dion also has experience working with 1166 AQMD air monitoring on projects ranging from limited access dry cleaner excavations, solvent excavations, and petroleum excavations related to underground storage tank releases. Included in this type of monitoring is the assessment of a safe work environment for the contractors involved with this type of work.

He has considerable knowledge in asbestos and lead based paint sampling as a building inspector and lead sampling technician. Asbestos and lead based paint surveys have ranged from large office buildings to sampling highway bridges.

EDUCATION

BS, Soil Science, California Polytechnic University, Pomona, Pomona, California, 2004

Health & Safety Certification (29 CFR 1910.120), 40-Hour OSHA Health & Safety Certification, Redlands, California, 2005

Health & Safety Annual Update Certification, 8-Hour OSHA, Redlands, California, 2009

First Aid/CPR, American Red Cross, Redlands, California, 2009

Certified Building Inspector, AHERA 8-Hour Refresher, Redlands, California, 2009

PROJECT EXPERIENCE

Asbestos, Lead Based Paint, and Hazardous Material Management

Haller Wash Bridge No. 54-0891R&L, San Bernardino County, California (Asbestos and Lead-Based Paint Sampling Assistant)

Dion conducted asbestos and lead based paint survey on highway bridge. He assisted with planning field operations, measuring bridge dimensions, and collecting samples. Tasks included sample collection, bridge measurements, and documentation.

Project Management Oversight

Magnolia Plaza, Fountain Valley, California

Dion is providing project management of soil, soil vapor, and quarterly groundwater sampling related to a solvent release at a former dry cleaning facility. Tasks include preparation of work plans for approval by the Regional Water Quality Control Board and oversight of field sampling, including lithologic logging, for soil and soil vapor investigations performed within a multi-tenant strip center. Additional tasks include preparation of investigative reports and quarterly groundwater monitoring reports. The site remains an open case and preparation of a work plan to use electrical resistive heating ("ERH") will be prepared in the coming weeks.

Dion Monge

Project Scientist

Former Superb Dry Cleaners, Anaheim, California

Dion performed field oversight, direction, and confirmation soil sampling of a limited access excavation within a former dry cleaner unit. Post excavation field activities included application of a barrier type floor sealant along with post excavation indoor air sampling. Remedial work led to regulatory closure being granted from the local agency.

Site Assessment

I-15/I-215 Interchange Improvements, San Bernardino County, California (Sampling Technician)

Dion helped conduct site investigations and surveys for potentially hazardous materials. His efforts supported Caltrans' plans to improve and widen the existing freeway lanes, entrance and exit ramps, and vehicle and railroad bridges along a 6-mile stretch of the I-15 and I-215 freeways in the Devore area of San Bernardino County. Dion's efforts included Environmental Evaluation of Recognized Environmental Concerns identified in ISAs

Highway 138 Environmental Investigations, San Bernardino County, California (Field Assessment and Reporting)

Dion helped complete hazardous material site investigations on five bridges along State Highway 138 along a 20-mile segment through portions of Los Angeles and San Bernardino Counties, California. The investigation was conducted in accordance with Caltrans protocols and was compliant with EPA's all appropriate inquiries guidance and ASTM Standard Practice E1527. He performed site reconnaissance, conducted regulatory and agency field reviews, and reviewed environmental databases and historical fire insurance, telephone directories, aerial photographs, topographic maps, and other environmental records for properties within one half mile of the proposed 20-mile segment of Highway 138. Dion compiled an report summarizing findings and identifying recognized environmental conditions.

Proposed Friends Christian High School, Yorba

Linda, California

Dion prepared preliminary site assessment (PSA) report for future private school site to identify recognized environmental conditions ("RECs") related to past property usage as an oil field with 21 oil wells abandoned prior to 1990. Completion of the PSA led to his management of the project through site closure. Field investigations and reporting by Dion included Phase II investigations, methane survey, oil well leak testing and venting, backfill and compaction (including soils testing), DOGGR Construction Site Review, and excavation and onsite management of more than 5,000 cubic yards of petroleum impacted soils.

SR-58 Widening, San Bernardino County, California

Dion performed Initial Site Assessment (ISA) for Caltrans at Kramer Junction for the proposed widening of State Route 58. The ISA was performed in accordance with guidelines promulgated by the American Society for Testing and Materials (ASTM) and included historical research and coordination of permit/file reviews with local building/planning departments and environmental agencies. Dion's role included the field visit, observation documentation, agency reviews, and reporting.

Soil Sampling

Caltrans I-15, Task Order 28, Hesperia, California

Dion conducted a soil investigation for metals analysis alongside I-15 for disposal recommendations during construction of mortar-lined channels at several locations. He assisted with planning field operations and collected soil samples. Tasks included sample collection, preservation, and documentation.

Kyle has more than 28 years of professional experience—17 of those years with Stantec—providing geotechnical and environmental consulting. During the course of his experience, he has been involved with a wide variety of geological and engineering projects. He has been in direct charge of quality control/quality assurance (QA/QC) work for Stantec and previous firms for geological, engineering geological, and environmental services primarily in California. Additionally, Kyle has been a primary contact for Stantec with many different clients (including multi-party actions) and regulatory bodies involving contracting, workplan approvals, site assessments and closures, permitting, remedial action, and litigation support. With regard to litigation services, Kyle has extensive experience providing expert witness testimony, second-party review, and litigation support and analysis.

Kyle's extensive experience includes assessment and remediation of property-specific and regional issues involving soil and groundwater contaminated with petroleum hydrocarbons, chlorinated solvents, heavy metals, pesticides, and PCBs.

He currently serves as the managing principal geologist in Stantec's Redlands, California office.

EDUCATION

Engineering Geology/Hydrogeology, California
State University, Los Angeles, California, 1984

AS, General Science, Crafton Hills College,
Yucaipa, California, 1975

BS, Geological Sciences, California State
University, Long Beach, California, 1982

REGISTRATIONS

Certified Engineering Geologist #1271, State of
California Issued 1985, Expires 2011

Professional Geologist #4066, State of California
Issued 1985, Expires 2011

PROJECT EXPERIENCE

Bioremediation

Excavation and Treatment of Petroleum-
Contaminated Soil

Kyle designed the excavation and treatment of
45,000 cubic yards of petroleum-contaminated
soil. Soil treatment included utilizing vapor
extraction, combined with bioremediation.

** denotes projects completed with other firms*

Chemicals & Polymers

Two Former Chemical Plants, Environmental Site Assessments and Remediation, Vernon, California

Mr. Emerson was part of the team for conducting Phase I and Phase II Environmental Site Assessments (ESA) and developing remedial action plans for two former chemical plant sites with 80-year industrial histories. Phase I ESAs used historical files, maps, aerial photographs, available documents, and data from public agencies and historical directories for identifying recognized environmental concerns. Extensive Phase II ESA survey activities aided in identifying below-grade structures such as vaults/USTs, as well as assessing the extent of influence and nature of the contamination. These investigations confirmed the presence of heavy metals, petroleum hydrocarbons, volatile organic compounds, polychlorinated biphenyls, radioactive materials, semi-volatile organic compounds, and polycyclic aromatic compounds in the soils for these sites. Specific areas of concern included former settling ponds, a bone yard, maintenance areas, transformer and substations, wastewater treatment facilities, and above-ground storage tank farms. A conceptual model was developed for use in a health risk assessment and developed risk-based corrective actions to address potential health and environmental concerns. He assisted with the development and implementation of a remedial action plan, combined administrative controls, engineering controls, and active remediation; this resulted in the cost-effective return of one site to active use, and is reducing health risks to occupants and the public at the second site.

CONFIDENTIAL: Aerospace Adhesives and Coatings Plant, Glendale, California

Mr. Emerson was part of the team that conducted feasibility studies to evaluate remedial alternatives for remediation of chlorinated VOCs, 1,4 dioxane, and hexavalent chromium (CrVI) in soil, soil vapor, and groundwater. Feasibility studies included groundwater pump testing, benchscale column testing to evaluate in situ alternatives for reducing CrVI to the less mobile CrIII valence state, soil vapor extraction, capping, and excavation. Field pilot studies were performed to evaluate the efficiency of various CrVI reductants including the use of ferrous sulfate, calcium polysulfide, emulsified oil, and fructose. Extensive multi-depth soil vapor testing was conducted to evaluate the distribution of VOCs in the subsurface and to support vapor intrusion risk assessment. Feasibility studies were completed in 2008. Remedial actions are expected to be completed in 2011.

Condition Assessments

Assessment and Mitigation of Manufacturing Facility

Kyle managed the assessment and mitigation of an ammunition manufacturing facility covering 1,100 acres in a complex geologic environment. The contaminants involved red and white phosphorous, TNT, chlorinated solvents, solid wastes, and live ordinance.

Soil Contamination Assessment Supervision and Management

Kyle managed and supervised soil contamination assessment and in-situ remediation of heavy metals involving chromium, cadmium, nickel and zinc by chemical fixation to depths in excess of 40 feet below ground surface beneath existing structures within several manufacturing facilities.

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Litigation Support and Expert Testimony

Kyle provided litigation support and expert testimony on more than 20 separate projects involving service stations, chlorinated solvent cases, heavy metal, and semi-volatile releases.

Corporate / Office

Commercial Developer - Environmental Remediation of Former Dry Cleaners, El Centro, California

Mr. Emerson was responsible for assessments and remediation at this former dry cleaners which released the dry cleaning chemical tetrachloroethene (PCE) to the ground and underlying groundwater. The work included initial site assessment, agency interaction and negotiations with the California Regional Water Quality Control Board (CRWQCB), and Colorado Basin Region human health risk assessment (HHRA), design and implementation of remedial investigations, feasibility studies, remedial action plans, and implementation of remediation in mitigating chlorinated solvent contamination in vadose and saturated zones at concentrations indicative of DNAPL. The results of the completed remediation, as well as continued confirmation sampling and monitoring, allowed the CRWQCB to issue site closure in 2008. The site has since been redeveloped into a new commercial development.

Environmental Assessments

Siting Studies

Kyle performed initial siting studies for potential Class I, II, and III landfills. The project included detailed geologic mapping, hydrogeological studies, and permeability studies of caps and liners.

Environmental Site Remediation

Assessment and Remedial Design, California (Project Supervisor)

Kyle supervised the assessment and remedial design of a system to eliminate salt brine contamination in shallow perched water horizons in the Yucaipa, San Bernardino, and Riverside areas of southern California.

Design and Installation of Recovery Systems*

Kyle designed and installed numerous free-product recovery systems that successfully recovered product. One of the sites contained product up to 11-feet thick covering more than three city blocks. The dissolved phase had affected a multi-aquifer system and a public drinking water system.

Geophysical Characterizations*

Kyle performed and supervised numerous geophysical characterizations to determine the extent of old landfills. He provided classification studies, landfill gas monitoring, removal verification during grading, methane collection and mitigation plans, permitting, and closure plans.

Domestic Landfill Development*

Kyle designed and supervised the dynamic consolidation of a domestic landfill for development. He used this process to minimize expected settlement to overlying structures. Kyle designed commercial developments on closed landfills that involved complex methane collection and monitoring systems and building settlement controls.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Clay Borrow Site Studies

Kyle performed more than 10 separate clay borrow site studies for determining sources of material to cap landfills; ranged from a 20-acre dry lakebed to a 450-acre parcel in complex folded marine sediments.

Assessment, Clean Up, and Regulatory Support Management, Santa, Monica (Project Manager)

Kyle managed the assessment, clean up, and complex regulatory support of a PRP site in an MTBE case (Charnock subbasin). His work involved more than 20 environmental professionals working full time for two years to complete the assessment and clean up mandated by the regulatory agencies.

Hazardous Waste

San Gabriel Valley Superfund Site, Remediation & Closure of Multiple Source Areas, Industry, California

Mr. Emerson performed feasibility studies to evaluate appropriate and relevant remedial alternatives to mitigate constituents of concern in five AOCs contaminated with chlorinated hydrocarbons, heavy metals, petroleum fuel, and cutting oils. Ultimately, a combination of remedial alternatives was implemented that included large-diameter auger excavation to 45 feet to minimize impacts on facility operations, vapor extraction, vapor intrusion risk assessment, deed restriction, and monitored natural attenuation. At the completion of remedial actions, confirmation soil, soil vapor, and groundwater sampling were conducted and followed with risk assessment to demonstrate that remedial objectives had been achieved. No further action was recently granted by the US EPA and Los Angeles Regional Water Quality Control Board.

Mixed-Use

Port of San Diego Rohr Facility, Chula Vista, California

Mr. Emerson assisted in a detailed subsurface assessment of the Rohr facility. The intent of the assessment was to evaluate the 40-acre former aircraft part manufacturing facility for acquisition by the Port of San Diego for redevelopment into a business park and entertainment complex. The assessment identified the presence of soil, soil vapor, and groundwater impacts by petroleum hydrocarbons, VOCs, heavy metals, PCBs, and semi-volatile organic compounds. He utilized many sampling techniques to assess the limits and concentrations of contaminants in the subsurface. Ultimately, the team was able to develop a cost estimate for potential remedial action cost associated to corrective action to allow redevelopment.

Master Planned Commercial/Residential Redevelopment Project, Whittier, California (Project Manager)

Kyle oversaw the assessment of 26 contiguous properties that are part of a 21-acre master planned commercial/residential redevelopment project. The properties included industrial facilities, platting lines, fuel USTs, and metal processing plants, among others. The estimated cleanup costs are approximately \$2 million.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Multi-Unit / Family Residential

Residential Development Assessment, Ventura, California (Project Director)

Kyle directed an assessment of a 40-acre former agricultural property proposed for residential development. Pesticides were identified above hazardous waste levels and preliminary remediation goals established by the U.S. Environmental Protection Agency. Through corrective grading methods and onsite placement of the pesticide impacted soils, all material were re-used on site without offsite disposal. The overall cost savings for the client was more than \$1 million. Total cost was less than \$250,000 for all necessary activities.

Oil & Gas

Oil Field Site Assessments*

Kyle performed site assessments at oil field leases involving refineries, bulk storage areas, piping systems and wellhead, and drilling mud pit contamination.

Environmental Protection Agency Superfund Action, Culver City, California (Project Manager)

Kyle served as the project manager representing a major oil company in the assessment, remedial action, and litigation support in a multi-party contamination case affecting a City water supply. The assessment involved more than 250 continuous core borings up to 100 feet, as well as extensive remedial actions. The total cost for all related activities was \$22 million. The case is settled and the closure of the site is pending.

Project Management

Liability and Property Management Consulting Services

Kyle is providing liability and property management consulting services to more than 10 medium to large property development firms in the US. His work involves property transaction assessments, contract review, acquisition guideline development, liability management evaluation, insurance acquisition, and strategic planning.

Residential Development

Environmental Development Management and Review (Project Manager)

Kyle manages and reviews environmental development issues for a large residential developer specializing in development of contaminated industrial properties by providing innovative solutions in developing contaminated properties for residential use through risk assessment, engineering, and administrative and property development controls.

Site Management and Remediation

Design and Implementation of Biodegradation Programs*, California

Kyle designed and implemented one of the first in-situ biodegradation programs in California; it involved 50,000 cubic yards of diesel-contaminated soils, and groundwater to depths of 70 feet below ground surface.

** denotes projects completed with other firms*

Soil and Groundwater Remediation Systems

Soil and Groundwater Contamination Assessments and Mitigation*, California (Project Manager)

Kyle managed numerous chlorinated solvent soil and groundwater contamination assessments and mitigation programs in southern California. The projects involved releases that impacted soil and groundwater to depth of groundwater more than 700 feet in multi-aquifer systems. One case involved with plume dimensions more than 1 mile from the source affecting residential properties.

Soil and Groundwater Assessment and Remediation Programs*

Implemented hundreds of soil and groundwater assessment and remediation programs at various service station facilities in Southern and Northern California, and Nevada. Work involved assessment, remedial design, installation, maintenance and monitoring. Closure has been received on a majority of these sites.

Assessment and Remediation Management*

Kyle managed the assessment and remediation of soil and groundwater manufacturing at dry cleaning facilities contaminated with chlorinated solvents.

Warehouse / Light Industrial

Glendale Redevelopment Project, Glendale, California (Project Manager)

Kyle managed the assessment and remedial actions during the redevelopment of an industrial property. The project involved the demolition of a historic manufacturing facility and a commercial dry cleaner. Each of these facilities were associated with releases of solvents and petroleum hydrocarbons. Remedial actions involved excavation by pattern drilling and off site disposal along with removal of former USTs. The total cost of remediation and assessment was \$450,000.00.

Compton Redevelopment Project, Compton, California (Project Manager)

Kyle is serving as project manager for the assessment and remedial actions for a large redevelopment project. The project involves the redevelopment of a historic manufacturing facility and a former dry cleaner. Each of these facilities were associated with releases of solvents and petroleum hydrocarbons. The industrial facility was also associated with significant volumes of buried waste that required removal and disposal. These wastes also included the chemical referenced above, as well as PCBs and heavy metals. Remediation has included excavation, vapor extraction, and chemical fixation. The total cost of this project has been \$2.8 million to date.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

PUBLICATIONS

In-Situ Bioremediation of an Underground Diesel
Fuel Spill: A Case Study. Environmental
Management, 1989.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

Appendix C – User Provided Records

Appendix C USER PROVIDED RECORDS

Issuing Policies of Chicago Title Insurance Company

ORDER NO.: **00523206-988-DN1**Escrow/Customer Phone: **(714) 289-3300**CBRE
3501 Jamboree Road, Suite 100
Newport Beach, CA 92660
ATTN: C. Ross Bourne
Email: ross.bourne@cbre.com
Reference No.:Title Officer: **David Noble**
Title Officer Phone: **(714) 289-3379**
Title Officer Fax: **(949) 809-0676**
Title Officer Email: **David.Noble@ticortitle.com**PROPERTY: **2300, 2310 & 2320 Red Hill Avenue, Santa Ana, CA 92705****PRELIMINARY REPORT**

*In response to the application for a policy of title insurance referenced herein, **Ticor Title Company of California** 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 Chicago 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

By:


Randy Quirk, President

Attest:


Michael Gravelle, Secretary

PRELIMINARY REPORT

EFFECTIVE DATE: February 6, 2018 at 7:30 a.m.**ORDER NO.:** 00523206-988-DN1

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

CLTA Standard Coverage Policy

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

Fee Estate

2. TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS [VESTED IN:](#)

Ricoh Development of California Inc.

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 COUNTY OF ORANGE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCELS 2 AND 3, AS SHOWN ON A PARCEL MAP FILED IN [BOOK 125, PAGES 45](#) AND 46 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT ANY AND ALL OIL, OIL RIGHTS, MINERALS, MINERAL RIGHTS, NATURAL GAS RIGHTS, AND OTHER HYDROCARBONS BY WHATSOEVER NAME KNOWN, GEOTHERMAL STEAM, AND ALL PRODUCTS DERIVED FROM ANY OF THE FOREGOING THAT MAY BE WITHIN OR UNDER SAID LAND, TOGETHER WITH THE PERPETUAL RIGHT OF DRILLING, MINING, EXPLORING, AND OPERATING THEREFOR AND STORING IN 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 SAID CONVEYED HEREBY, 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 500 FEET OF THE SUBSURFACE OF LAND, AS RESERVED IN THE DEED FROM THE IRVINE COMPANY, A MICHIGAN CORPORATION, SUCCESSOR BY MERGER WITH IRVINE INDUSTRIAL COMPLEX, RECORDED NOVEMBER 21, 1978.

ALSO EXCEPT ANY AND ALL WATER, RIGHTS OR INTERESTS THEREIN, NO MATTER HOW ACQUIRED IN CONNECTION WITH OR WITH RESPECT TO SAID LAND, TOGETHER WITH THE RIGHT AND POWER TO EXPLORE, DRILL, REDRILL, REMOVE AND STORE THE SAME FROM THE LAND OR TO DIVERT OF OFFICIAL RECORDS OTHERWISE UTILIZE SUCH WATER, RIGHTS OR INTERESTS ON ANY OTHER PROPERTY OWNED OR LEASED BY GRANTOR, WHETHER SUCH WATER RIGHTS SHALL BE RIPARIAN, OVERLYING, APPROPRIATIVE, PERCOLATING, PRESCRIPTIVE, ADJUDICATED, STATUTORY OF OFFICIAL RECORDS CONTRACTUAL; BUT WITHOUT, HOWEVER, ANY RIGHT TO ENTER UPON THE SURFACE OF SAID LAND IN THE EXERCISE OF SUCH RIGHTS, AS RESERVED IN THE DEED FROM THE IRVINE COMPANY, A MICHIGAN CORPORATION, SUCCESSOR BY MERGER WITH IRVINE INDUSTRIAL COMPLEX, RECORDED NOVEMBER 21, 1978.

APN: **430-222-07 & 16**

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:

1. Property taxes, which are a lien not yet due and payable, including any assessments collected with taxes to be levied for the fiscal year 2018 - 2019.
2. Any liens or other assessments, bonds, or special district liens including without limitation, Community Facility Districts, that arise by reason of any local, City, Municipal or County Project or Special District.
3. 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.
4. Water rights, claims or title to water, whether or not disclosed by the public records.
5. A perpetual air or flight easement, sometimes referred to as aviation rights, in and to all the air space above those portions of particular planes or imaginary surfaces that overlie said Land for use by aircraft, present or future, from or to the Orange County Airport, said easements and rights being more particularly described and defined in and granted to the County of Orange by deed set forth below:

Recording Date: March 17, 1964

Recording No.: [Book 6965, page 721](#), Official Records

The planes above which said easement lies are more particularly described in said Deed and shown on a map referred to therein.

6. Covenants, conditions and restrictions but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, citizenship, immigration status, primary language, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, 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

Recorded: In [Book 7529, Page\(s\) 600](#), Official Records

Document(s) declaring modifications thereof recorded May 31, 1966 as [Book 7946, page 90](#); May 30, 1989 [Instrument No. 89-285371](#); March 2, 1990 as [Instrument No. 90-112441](#); October 5, 1990 as [Instrument No. 90-535152](#); September 28, 1990 as Instrument Nos. 90-518160 and 90-518161; January 15, 1991 as [Instrument No. 91-021095](#); August 19, 1991 as [Instrument No. 91-444033](#) and re-recorded January 22, 1992 as [Instrument No. 92-037322](#); and September 26, 2002 [Instrument No. 20020827184](#), all as of Official Records.

Various instruments appear of record amending Section 6.02 of Article VI of the above restrictions to provide for residential use of portions of covered property, however such amendments

EXCEPTIONS (Continued)

7. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
- Granted to: Orange County Flood Control District
Purpose: Underground Storm Drains
Recording Date: February 05, 1975
Recording No: In [Book 11336, Page\(s\) 1259](#), Official Records
Affects: That portion of said land as described therein
8. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
- Granted to: City of Santa Ana
Purpose: Waterline
Recording Date: March 24, 1976
Recording No: In Book 11682, Page(s) 1507, Official Records
Affects: That portion of said land as described therein , over a portion of Parcel 3
9. Easement(s) for the purpose(s) shown below and rights incidental thereto as delineated or as offered for dedication, on the map of said [tract/plat](#);
- Purpose: Railroad
Affects: the Southwesterly 12.5 of Parcel 2
10. Easement(s) for the purpose(s) shown below and rights incidental thereto as delineated or as offered for dedication, on the map of said [tract/plat](#);
- Purpose: Drainage
Affects: the Southwesterly 10 feet of Parcel 3 and the Southwesterly portion of Parcel 2
11. Covenants, conditions, restrictions and easements but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, citizenship, immigration status, primary language, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, 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: November 21, 1978
Recording No: In [Book 12932, Page\(s\) 910](#), Official Records
12. NON-EXCLUSIVE EASEMENTS ON, OVER, UNDER OR ACROSS THE LAND WITHIN 10 FEET FROM ALL PROPERTY LINES BORDERING ON AND PARALLEL TO ANY PUBLIC OR PRIVATE STREET FOR THE INSTALLATION, EMPLACEMENT, OPERATION AND MAINTENANCE OF ELECTRIC, GAS, TELEPHONE, CABLE TELEVISION, WATER, SANITARY SEWER LINES, DRAINAGE FACILITIES OR ANY OTHER UTILITIES, AS RESERVED IN THE DEED RECORDED IN [BOOK 12932, PAGE 910](#), OFFICIAL RECORDS.

EXCEPTIONS (Continued)

13. Covenants, conditions and restrictions but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, citizenship, immigration status, primary language, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, 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: In [Book 12932, Page\(s\) 910](#), 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.

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

Granted to: Southern California Edison Company
Purpose: Underground Electrical Supply And Communication Systems
Recording Date: June 12, 1979
Recording No: In [Book 13183, Page\(s\) 378](#), Official Records
Affects: That portion of said land as described therein over portion of Parcel 3

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

Granted to: The Atchison Topeka and Sant Fe Railway Company, A Delaware Corporation
Purpose: Railroad
Recording Date: July 29, 1981
Recording No: In [Book 14159, Page\(s\) 1973](#), Official Records
Affects: the Southwesterly 12.5 feet of Parcel 2

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

Granted to: Southern California Edison Company
Purpose: Underground Electrical Supply And Communication Systems
Recording Date: March 02, 1982
Recording No: 82-72220, Official Records
Affects: That portion of said land as described therein over a portion of Parcel 2

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

Granted to: Southern California Edison Company
Purpose: Underground Electrical Supply And Communication Systems
Recording Date: December 04, 1984
Recording No: [84-504333](#), Official Records
Affects: That portion of said land as described therein over a portion of Parcel 2

18. An instrument entitled Agreement With Conditions of Approval Discretionary Permit Approval

Recording Date: May 09, 2007
Recording No: [2007-303130](#), Official Records

Which among other things provides:

Reference is hereby made to said document for full particulars.

EXCEPTIONS (Continued)

This covenant and agreement provides that it shall be binding upon any future owners, encumbrancers, their successors or assigns, and shall continue in effect until the advisory agency approves termination.

19. The search did not disclose any open mortgages or deeds of trust of record, therefore the Company reserves the right to require further evidence to confirm that the property is unencumbered, and further reserves the right to make additional requirements or add additional items or exceptions upon receipt of the requested evidence.
20. 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.
21. 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.
22. 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.
23. 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.

24. Any right, interest or claim that may exist, arise or be asserted against the Title under or pursuant to the Perishable Agricultural Commodities Act of 1930, as amended, 7 USC 499a et seq., the Packers and Stockyard Act of 1921, as amended, 7 USC 181 et seq., or any similar state laws.

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: Ricoh Development of California Inc.

- 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
- d) A current dated certificate of good standing from the proper governmental authority of the state in which the entity was created

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

2. The Company requires a Statement of Information from the parties named below in order to complete this report, based on the effect of documents, proceedings, liens, decrees, or other matters which do not specifically describe said Land, but which, if any do exist, may affect the title or impose liens or encumbrances thereon. After review of the requested Statement(s) of Information, the Company may have additional requirements before the issuance of any policy of title insurance.

No names were furnished with the application. Please have the buyers furnish the Statement of Information as soon as possible.

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

NOTE: The Statement of Information is necessary to complete the search and examination of title under this order. Any title search includes matters that are indexed by name only, and having a completed Statement of Information assists the Company in the elimination of certain matters which appear to involve the parties but in fact affect another party with the same or similar name. Be assured that the Statement of Information is essential and will be kept strictly confidential to this file.

3. In order to complete this report, the Company requires a Statement of Information to be completed by the following party(s),

Party(s): All Parties

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

NOTE: The Statement of Information is necessary to complete the search and examination of title under this order. Any title search includes matters that are indexed by name only, and having a completed Statement of Information assists the Company in the elimination of certain matters which appear to involve the parties but in fact affect another party with the same or similar name. Be assured that the Statement of Information is essential and will be kept strictly confidential to this file.

REQUIREMENTS (Continued)

4. 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.

5. Furnish for review a full and complete copy of any unrecorded agreement, contract, license and/or lease together with all supplements, assignments and amendments thereto, prior to the close of this transaction.

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

6. This transaction requires high liability approval prior to close of escrow together with an inspection of the subject property.

Please advise title department with an estimated date that your transaction will close so we can schedule the necessary approvals and inspections.

END OF REQUIREMENTS

INFORMATIONAL NOTES SECTION

1. Note: Property taxes for the fiscal year shown below are PAID. For proration purposes the amounts were:

Tax Identification No.: 430-222-07

Fiscal Year: 2017-2018
1st Installment: \$27,965.63
2nd Installment: \$27,965.63
Code Area: 11-019

2. Note: Property taxes for the fiscal year shown below are PAID. For proration purposes the amounts were:

Tax Identification No.: 430-222-16

Fiscal Year: 2017-2018
1st Installment: \$89,158.85
2nd Installment: \$89,158.85
Code Area: 11-019

3. Note: There are NO conveyances affecting said Land recorded within 24 months of the date of this report.
4. 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.
5. The Company is not aware of any matters which would cause it to decline to attach CLTA Endorsement Form 116 indicating that there is located on said Land Commercial properties, known as 2300, 2310 & 2320 Red Hill Avenue, located within the city of Santa Ana, California, 92705, to an Extended Coverage Loan Policy.
6. 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.
7. 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.
8. 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.

END OF INFORMATIONAL NOTES

David Noble/am2

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>

FIDELITY NATIONAL FINANCIAL
PRIVACY NOTICE

At Fidelity National Financial, Inc., we respect and believe it is important to protect the privacy of consumers and our customers. This Privacy Notice explains how we collect, use, and protect any information that we collect from you, when and to whom we disclose such information, and the choices you have about the use of that information. A summary of the Privacy Notice is below, and we encourage you to review the entirety of the Privacy Notice following this summary. You can opt-out of certain disclosures by following our opt-out procedure set forth at the end of this Privacy Notice.

<p>Types of Information Collected. You may provide us with certain personal information about you, like your contact information, address demographic information, social security number (SSN), driver's license, passport, other government ID numbers and/or financial information. We may also receive browsing information from your Internet browser, computer and/or mobile device if you visit or use our websites or applications.</p>	<p>How Information is Collected. We may collect personal information from you via applications, forms, and correspondence we receive from you and others related to our transactions with you. When you visit our websites from your computer or mobile device, we automatically collect and store certain information available to us through your Internet browser or computer equipment to optimize your website experience.</p>
<p>Use of Collected Information. We request and use your personal information to provide products and services to you, to improve our products and services, and to communicate with you about these products and services. We may also share your contact information with our affiliates for marketing purposes.</p>	<p>When Information Is Disclosed. We may disclose your information to our affiliates and/or nonaffiliated parties providing services for you or us, to law enforcement agencies or governmental authorities, as required by law, and to parties whose interest in title must be determined.</p>
<p>Choices With Your Information. Your decision to submit information to us is entirely up to you. You can opt-out of certain disclosure or use of your information or choose to not provide any personal information to us.</p>	<p>Information From Children. We do not knowingly collect information from children who are under the age of 13, and our website is not intended to attract children.</p>
<p>Privacy Outside the Website. We are not responsible for the privacy practices of third parties, even if our website links to those parties' websites.</p>	<p>International Users. By providing us with your information, you consent to its transfer, processing and storage outside of your country of residence, as well as the fact that we will handle such information consistent with this Privacy Notice.</p>
<p>The California Online Privacy Protection Act. Some FNF companies provide services to mortgage loan servicers and, in some cases, their websites collect information on behalf of mortgage loan servicers. The mortgage loan servicer is responsible for taking action or making changes to any consumer information submitted through those websites.</p>	
<p>Your Consent To This Privacy Notice. By submitting information to us or by using our website, you are accepting and agreeing to the terms of this Privacy Notice.</p>	<p>Access and Correction; Contact Us. If you desire to contact us regarding this notice or your information, please contact us at privacy@fnf.com or as directed at the end of this Privacy Notice.</p>

FIDELITY NATIONAL FINANCIAL, INC. PRIVACY NOTICE

Fidelity National Financial, Inc. and its majority-owned subsidiary companies providing title insurance, real estate- and loan-related services (collectively, "FNF", "our" or "we") respect and are committed to protecting your privacy. We will take reasonable steps to ensure that your Personal Information and Browsing Information will only be used in compliance with this Privacy Notice and applicable laws. This Privacy Notice is only in effect for Personal Information and Browsing Information collected and/or owned by or on behalf of FNF, including Personal Information and Browsing Information collected through any FNF website, online service or application (collectively, the "Website").

Types of Information Collected

We may collect two types of information from you: Personal Information and Browsing Information.

Personal Information. FNF may collect the following categories of Personal Information:

- contact information (e.g., name, address, phone number, email address);
- demographic information (e.g., date of birth, gender, marital status);
- social security number (SSN), driver's license, passport, and other government ID numbers;
- financial account information; and
- other personal information needed from you to provide title insurance, real estate- and loan-related services to you.

Browsing Information. FNF may collect the following categories of Browsing Information:

- Internet Protocol (or IP) address or device ID/UDID, protocol and sequence information;
- browser language and type;
- domain name system requests;
- browsing history, such as time spent at a domain, time and date of your visit and number of clicks;
- http headers, application client and server banners; and
- operating system and fingerprinting data.

How Information is Collected

In the course of our business, we may collect *Personal Information* about you from the following sources:

- applications or other forms we receive from you or your authorized representative;
- the correspondence you and others send to us;
- information we receive through the Website;
- information about your transactions with, or services performed by, us, our affiliates or nonaffiliated third parties; and
- information from consumer or other reporting agencies and public records maintained by governmental entities that we obtain directly from those entities, our affiliates or others.

If you visit or use our Website, we may collect *Browsing Information* from you as follows:

- Browser Log Files. Our servers automatically log each visitor to the Website and collect and record certain browsing information about each visitor. The Browsing Information includes generic information and reveals nothing personal about the user.
- Cookies. When you visit our Website, a "cookie" may be sent to your computer. A cookie is a small piece of data that is sent to your Internet browser from a web server and stored on your computer's hard drive. When you visit a website again, the cookie allows the website to recognize your computer. Cookies may store user preferences and other information. You can choose whether or not to accept cookies by changing your Internet browser settings, which may impair or limit some functionality of the Website.

Use of Collected Information

Information collected by FNF is used for three main purposes:

- To provide products and services to you or any affiliate or third party who is obtaining services on your behalf or in connection with a transaction involving you.
- To improve our products and services.
- To communicate with you and to inform you about our, our affiliates' and third parties' products and services, jointly or independently.

When Information Is Disclosed

We may provide your Personal Information (excluding information we receive from consumer or other credit reporting agencies) and Browsing Information to various individuals and companies, as permitted by law, without obtaining your prior authorization. Such laws do not allow consumers to restrict these disclosures. Please see the section "Choices With Your Personal Information" to learn how to limit the discretionary disclosure of your Personal Information and Browsing Information.

Disclosures of your Personal Information may be made to the following categories of affiliates and nonaffiliated third parties:

- to third parties to provide you with services you have requested, and to enable us to detect or prevent criminal activity, fraud, material misrepresentation, or nondisclosure;
- to our affiliate financial service providers for their use to market their products or services to you;
- to nonaffiliated third party service providers who provide or perform services on our behalf and use the disclosed information only in connection with such services;
- to nonaffiliated third party service providers with whom we perform joint marketing, pursuant to an agreement with them to market financial products or services to you;
- to law enforcement or other governmental authority in connection with an investigation, or civil or criminal subpoena or court order;

- to lenders, lien holders, judgment creditors, or other parties claiming an interest in title whose claim or interest must be determined, settled, paid, or released prior to closing; and
- other third parties for whom you have given us written authorization to disclose your Personal Information.

We may disclose Personal Information and/or Browsing Information when required by law or in the good-faith belief that such disclosure is necessary to:

- comply with a legal process or applicable laws;
- enforce this Privacy Notice;
- investigate or respond to claims that any material, document, image, graphic, logo, design, audio, video or any other information provided by you violates the rights of a third party; or
- protect the rights, property or personal safety of FNF, its users or the public.

We maintain reasonable safeguards to keep your Personal Information secure. When we provide Personal Information to our affiliates or third party service providers as discussed in this Privacy Notice, we expect that these parties process such information in compliance with our Privacy Notice or in a manner that is in compliance with applicable privacy laws. The use of your information by a business partner may be subject to that party's own Privacy Notice. Unless permitted by law, we do not disclose information we collect from consumer or credit reporting agencies with our affiliates or others without your consent.

We reserve the right to transfer your Personal Information, Browsing Information, and any other information, in connection with the sale or other disposition of all or part of the FNF business and/or assets, or in the event of our bankruptcy, reorganization, insolvency, receivership or an assignment for the benefit of creditors. You expressly agree and consent to the use and/or transfer of the foregoing information in connection with any of the above described proceedings. We cannot and will not be responsible for any breach of security by a third party or for any actions of any third party that receives any of the information that is disclosed to us.

Choices With Your Information

Whether you submit Personal Information or Browsing Information to FNF is entirely up to you. If you decide not to submit Personal Information or Browsing Information, FNF may not be able to provide certain services or products to you. The uses of your Personal Information and/or Browsing Information that, by law, you cannot limit, include:

- for our everyday business purposes – to process your transactions, maintain your account(s), to respond to law
- enforcement or other governmental authority in connection with an investigation, or civil or criminal subpoenas or court
- orders, or report to credit bureaus;
- for our own marketing purposes;
- for joint marketing with financial companies; and
- for our affiliates' everyday business purposes – information about your transactions and experiences.

You may choose to prevent FNF from disclosing or using your Personal Information and/or Browsing Information under the following circumstances ("opt-out"):

- for our affiliates' everyday business purposes – information about your creditworthiness; and
- for our affiliates to market to you.

To the extent permitted above, you may opt-out of disclosure or use of your Personal Information and Browsing Information by notifying us by one of the methods at the end of this Privacy Notice. We do not share your personal information with non-affiliates for their direct marketing purposes.

For California Residents: We will not share your Personal Information and Browsing Information with nonaffiliated third parties, except as permitted by California law. Currently, our policy is that we do not recognize "do not track" requests from Internet browsers and similar devices.

For Nevada Residents: You may be placed on our internal Do Not Call List by calling (888) 934-3354 or by contacting us via the information set forth at the end of this Privacy Notice. Nevada law requires that we also provide you with the following contact information: Bureau of Consumer Protection, Office of the Nevada Attorney General, 555 E. Washington St., Suite 3900, Las Vegas, NV 89101; Phone number: (702) 486-3132; email: BCPINFO@ag.state.nv.us.

For Oregon Residents: We will not share your Personal Information and Browsing Information with nonaffiliated third parties for marketing purposes, except after you have been informed by us of such sharing and had an opportunity to indicate that you do not want a disclosure made for marketing purposes.

For Vermont Residents: We will not share your Personal Information and Browsing Information with nonaffiliated third parties, except as permitted by Vermont law, such as to process your transactions or to maintain your account. In addition, we will not share information about your creditworthiness with our affiliates except with your authorization. For joint marketing in Vermont, we will only disclose your name, contact information and information about your transactions.

Information From Children

The Website is meant for adults and is not intended or designed to attract children under the age of thirteen (13). We do not collect Personal Information from any person that we know to be under the age of thirteen (13) without permission from a parent or guardian. By using the Website, you affirm that you are over the age of 13 and will abide by the terms of this Privacy Notice.

Privacy Outside the Website

The Website may contain links to other websites. FNF is not and cannot be responsible for the privacy practices or the content of any of those other websites.

International Users

FNF's headquarters is located within the United States. If you reside outside the United States or are a citizen of the European Union, please note that we may transfer your Personal Information and/or Browsing Information outside of your country of residence or the European Union for any of the purposes described in this Privacy Notice. By providing FNF with your Personal Information and/or Browsing Information, you consent to our collection and transfer of such information in accordance with this Privacy Notice.

The California Online Privacy Protection Act

For some FNF websites, such as the Customer CareNet ("CCN"), FNF is acting as a third party service provider to a mortgage loan servicer. In those instances, we may collect certain information on behalf of that mortgage loan servicer via the website. The information which we may collect on behalf of the mortgage loan servicer is as follows:

- first and last name;
- property address;
- user name and password;
- loan number;
- social security number - masked upon entry;
- email address;
- three security questions and answers; and
- IP address.

The information you submit through the website is then transferred to your mortgage loan servicer by way of CCN. **The mortgage loan servicer is responsible for taking action or making changes to any consumer information submitted through this website. For example, if you believe that your payment or user information is incorrect, you must contact your mortgage loan servicer.**

CCN does not share consumer information with third parties, other than (1) those with which the mortgage loan servicer has contracted to interface with the CCN application, or (2) law enforcement or other governmental authority in connection with an investigation, or civil or criminal subpoenas or court orders. All sections of this Privacy Notice apply to your interaction with CCN, except for the sections titled "Choices with Your Information" and "Access and Correction." If you have questions regarding the choices you have with regard to your personal information or how to access or correct your personal information, you should contact your mortgage loan servicer.

Your Consent To This Privacy Notice

By submitting Personal Information and/or Browsing Information to FNF, you consent to the collection and use of the information by us in compliance with this Privacy Notice. Amendments to the Privacy Notice will be posted on the Website. Each time you provide information to us, or we receive information about you, following any amendment of this Privacy Notice will signify your assent to and acceptance of its revised terms for all previously collected information and information collected from you in the future. We may use comments, information or feedback that you submit to us in any manner that we may choose without notice or compensation to you.

Accessing and Correcting Information; Contact Us

If you have questions, would like to access or correct your Personal Information, or want to opt-out of information sharing with our affiliates for their marketing purposes, please send your requests to privacy@fnf.com or by mail or phone to:

Fidelity National Financial, Inc.
601 Riverside Avenue
Jacksonville, Florida 32204
Attn: Chief Privacy Officer
(888) 934-3354

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 field 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 each discount. These discounts only apply to transaction 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.

FNF Underwritten Title Company

TTCC - Titor Title Company of California

FNF Underwriter

CTIC - Chicago Title Insurance Company

Available Discounts

CREDIT FOR PRELIMINARY REPORTS AND/OR COMMITMENTS ON SUBSEQUENT POLICIES (CTIC)

Where no major change in the title has occurred since the issuance of the original report or commitment, the order may be reopened within 12 months and all or a portion of the charge previously paid for the report or commitment may be credited on a subsequent policy charge within the following time period from the date of the report.

DISASTER LOANS (CTIC)

The charge for a lender's Policy (Standard or Extended coverage) covering the financing or refinancing by an owner of record, within 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 50% of the appropriate title insurance rate.

CHURCHES OR CHARITABLE NON-PROFIT ORGANIZATIONS (CTIC)

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 50% to 70% of the appropriate title insurance rate, depending on the type of coverage selected. The charge for a lender's policy shall be 40% to 50% of the appropriate title insurance rate, depending on the type of coverage selected.

EMPLOYEE RATE (TTCC and CTIC)

No charge shall be made to employees (including employees on approved retirement) of the Company or its underwritten, subsidiary title companies for policies or escrow services in connection with financing, refinancing, sale or purchase of the employees' bona fide home property. Waiver of such charges is authorized only in connection with those costs which the employee would be obligated to pay, by established custom, as a party to the transaction.

ATTACHMENT ONE
CALIFORNIA LAND TITLE ASSOCIATION
STANDARD COVERAGE POLICY – 1990
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 not shown by the public records.

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

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:

	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

2006 ALTA LOAN 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 11, 13 or 14); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that 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, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
 - (a) a fraudulent conveyance or fraudulent transfer, or
 - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. 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 Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

(Except as provided in Schedule B - Part II, (t or T)his policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

(PART I

(The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

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 but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, 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.
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 not shown by the Public Records.

PART II

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:)

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.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

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:

(The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

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 in the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and that 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 not shown by the Public Records.
7. (Variable exceptions such as taxes, easements, CC&R's, etc. shown here.)

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (04-02-15)

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, 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, 6, 13(c), 13(d), 14 or 16.
 - (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
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;

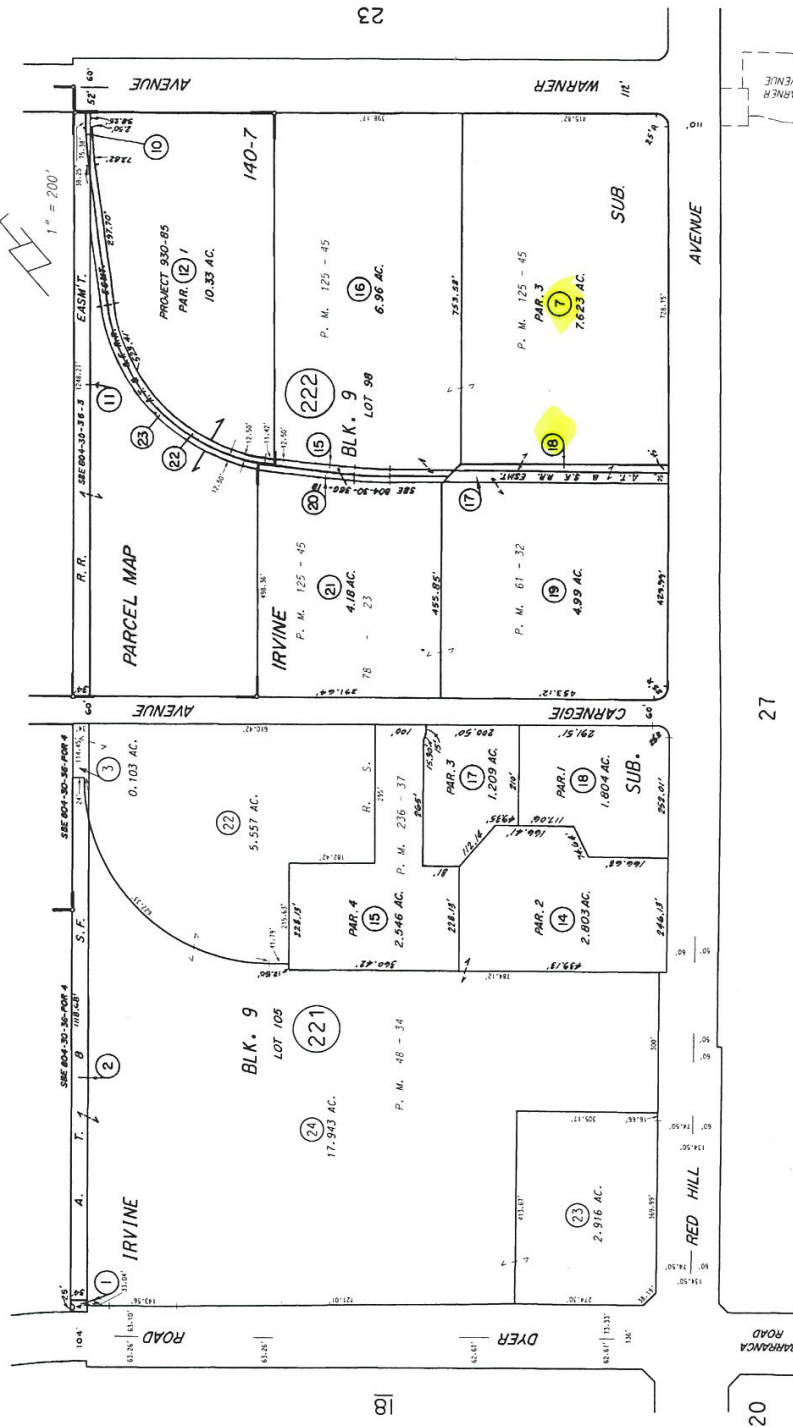
- (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
 5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that 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. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
 6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
 7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
 8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
 9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
 - (a) a fraudulent conveyance or fraudulent transfer, or
 - (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
 10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
 11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

THIS MAP WAS PREPARED FOR ORANGE COUNTY, FLORIDA, BY THE ASSessor's OFFICE. THE ASSessor MAKES NO GUARANTEE TO ITS ACCURACY NOR ASSUMES ANY LIABILITY FOR OTHER USES. THIS MAP IS NOT TO BE REPRODUCED. © COPYRIGHT ORANGE COUNTY ASSESSOR 2012

430-22

03

02



IRVINE SUB.
PARCEL MAP
PARCEL MAP

M.M. 1-88
P.M. 48-34, 61-32, 125-45
P.M. 140-7, 236-37

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

ASSESSOR'S MAP
BOOK 430 PAGE 22
COUNTY OF ORANGE

MARCH 1973

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.

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.



Stantec Consulting Services Inc.
25864-F Business Center Drive, Redlands, CA 92374-4515
Phone: 909-335-6116
Fax: 909-335-6120

PHASE I ESA USER'S QUESTIONNAIRE

In order to qualify for protection from land owner liability under CERCLA as an *innocent landowner, bona fide prospective purchaser, or contiguous property owner*, ASTM standard practice E1527-13 and the federal AAI rule (40 CFR 312) require that the User of the Phase I ESA report provide certain information (if available) to the Environmental Professional completing the assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Information that is not or cannot be provided to the Environmental Professional may be identified as a "data gap" in the Phase I ESA report.

Please answer the following questions as completely as possible. Attach additional pages as needed. Return the completed questionnaire to Stantec Consulting Services Inc.

1. Property Information

Property Name: Warner Red Hill

Property Address: 2300, 2310 & 2320 Red Hill Ave

City: Santa Ana State CA Zip

Property Owner Name: RICOH ELECTRONICS

Property Owner Phone #: N/A

2. Contact For Site Access

Name: Carter Ewing

Company/Organization/Title: CT Realty (Prospective Purchaser)

Phone # 949-431-6409 or 949-929-2412 E-Mail Address: cewing@ctrinvestors.com

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

_____ Yes X No

If yes, describe or attach details of the lien _____



4. Activity and Land Use Limitations. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded as applicable to the property as a result of environmental contamination, investigation, cleanup, or related matters?

_____ Yes

X No

If yes, describe or attach details of the limitations – Answer is NO, but *the NFA in place for groundwater contamination and well removal is for current use, however we plan on re-zoning for residential use.*

5. Specialized Knowledge or Experience. As the User of this 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, such that you would have specialized knowledge about chemicals and processes used by this type of business?

_____ Yes

X No

If yes, describe or attach details of your specialized knowledge or experience _____

6. Relationship of Purchase Price to Fair Market Value of Property. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, do you have any reason to believe that the reduced purchase price may be related to contamination known or believed to be present at the property?

_____ Yes, I have reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property?

X No, I have no reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property?

_____ Not applicable. User is not involved in a purchase of the property.



7. Commonly Known or Reasonably Ascertainable Information. 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 of hazardous substances or petroleum products? For example:

Do you know the past uses of the property?

X__Yes (describe) The NFA and related Closure Data for the "fuel storage tanks" as previously emailed to Stantec.

____No

Do you know of chemicals, hazardous substances or petroleum products that are present or once were present at the property?

X__Yes (describe) As described in data previously transmitted to Stantec

____No

Do you know of spills or other releases of chemicals, hazardous substances or petroleum products that have taken place at the property?

____Yes (describe) _____

X__No

Do you know of any environmental cleanups that have taken place at the property?

X__Yes (describe) As previously described above

____No



8. The Degree of Obviousness of Contamination. E1527-13 and the federal AAI rule (40 CFR 312.31) require that the Phase I ESA consider the degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation. 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 (describe) _____

X ☒ No

9. Availability of Previous Environmental Reports. Are you aware of previous environmental site assessment reports, other environmental reports, documents, correspondence, etc. concerning the property and its environmental condition?

X ☒ Yes (describe) As described above

☐ No

Signature: _____

Name (printed): CARTER B. EWING

Title: MANAGING PARTNER

Date: 6/21/18

**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

Appendix D – Environmental Agency Database Search Report

Appendix D ENVIRONMENTAL AGENCY DATABASE SEARCH REPORT

Warner Red Hill

2320 Redhill

Santa Ana, CA 92705

Inquiry Number: 5341350.2s

June 22, 2018

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	837
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-6
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

2320 REDHILL
SANTA ANA, CA 92705

COORDINATES

Latitude (North):	33.7108150 - 33° 42' 38.93"
Longitude (West):	117.8392490 - 117° 50' 21.29"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	422232.7
UTM Y (Meters):	3730215.0
Elevation:	60 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140514
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
2320 REDHILL
SANTA ANA, CA 92705

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	RICOH ELECTRONICS, I	2320 REDHILL AVE.	UST, TSCA		TP
A2	RICOH ELECTRONICS, I	2320 S RED HILL AVE	LUST		TP
A3	RICOH ELECTRONICS, I	2310 RED HILL AVE	HIST UST		TP
A4	3520 RB8	2320 REDHILL AVE	FINDS		TP
A5	RICOH ELECTRONICS IN	2320 REDHILL AVE	SWEEPS UST, TSCA		TP
A6	RICOH ELECTRONICS IN	2300-2310 RED HILL A	EMI		TP
A7	RICOH ELECTRONICS, I	2320 RED HILL AVE	RGA LUST		TP
A8	RICOH ELECTRONICS IN	2320 REDHILL AVE.	TSCA		TP
A9	RICOH ELECTRONICS, I	2320 RED HILL AVE	RCRA-LQG		TP
A10	RICOH ELECTRONICS, I	2320 RED HILL AVENUE	RGA LUST		TP
A11	RICOH ELECTRONICS, I	2320 S RED HILL AVE	RGA LUST		TP
A12	RICOH ELECTRONICS IN	2320 REDHILL	TSCA		TP
A13	GW CLEANUP-S.A., RED	2320 REDHILL	ENF, HIST CORTESE, CIWQS		TP
A14	RICOH ELECTRONICS IN	2320 RED HILL AVE	TSCA, FTTS, HIST FTTS		TP
A15	RICOH ELECTRONICS -	2320 REDHILL AVE.	TSCA		TP
A16	RICOH ELECTRONICS IN	2310 REDHILL AVENUE	HIST UST		TP
A17	SOUTHERN CALIFORNIA	2320 RED HILL AVE	HAZNET		TP
A18	RICOH ELECTRONICS, I	2320 RED HILL AVENUE	RGA LUST		TP
A19	RICOH ELECTONICS, IN	2320 RED HILL AVENUE	ECHO		TP
A20	RICOH ELECTRONICS IN	2320 REDHILL AVE	LUST, CA FID UST, EMI, HIST CORTESE, NPDES, WDS,...		TP
A21	GW CLEANUP-S.A.NARED	2320 REDHILL	FINDS		TP
A22	RICOH ELECTRONICS IN	2320 REDHILL AVE.	FINDS		TP
A23	RICOH ELECTRONIC	2300-2320 REDHILL AV	HAZNET		TP
A24	RICOH ELECTRONICS, I	2320 RED HILL AVENUE	RGA LUST		TP
Reg	TUSTIN MARINE CORPS		DOD	Same	10, 0.002, SE
25	GOODWILL INDUSTRIES	1231 WARNER AVE	RCRA-LQG, FINDS, ECHO	Higher	195, 0.037, NNW
26	BRASSTECH - CARNEGIE	2001 CARNEGIE AVE	RCRA-LQG	Lower	457, 0.087, SW
B27	USMCAF TUSTIN	N/A REDHILL & BARRAN	CPS-SLIC	Higher	470, 0.089, SE
B28	VESTAR - MCAS TUSTIN	PARCEL 12	CPS-SLIC	Higher	470, 0.089, SE
B29	VESTAR - THE DISTRIC	JAMBOREE	CPS-SLIC	Higher	470, 0.089, SE
B30	USMCAS TUSTIN UST 32	USMCAS TUSTIN	LUST	Higher	470, 0.089, SE
C31	DUTRO, WAYNE	1522 WARNER AVE	LUST	Higher	604, 0.114, NNW
C32	GSX OF ORANGE COUNTY	1830 E WARNER AVE	RCRA-SQG, FINDS, ECHO	Higher	605, 0.115, NW
C33	LAIDLAW	1830 WARNER AVE	LUST, HIST CORTESE	Higher	605, 0.115, NW
C34	MILO EQUIPMENT CORPO	1830 E WARNER AVE	LUST, SWEEPS UST, HIST UST, CA FID UST, EMI	Higher	605, 0.115, NW
C35	MILO EQUIPMENT CORPO	1830 E WARNER AVE	HIST UST	Higher	605, 0.115, NW
D36	VOSS ELECTRONIC INC	1848 E CARNEIGE	RCRA NonGen / NLR, FINDS, ECHO, HAZNET	Higher	756, 0.143, West
C37	GEMINI IND INC	2311 S PULLMAN ST	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG,...	Higher	787, 0.149, NW
E38	DANA CORP SPICER STE	2321 S PULLMAN AVE	RCRA NonGen / NLR	Higher	818, 0.155, WNW

MAPPED SITES SUMMARY

Target Property Address:
2320 REDHILL
SANTA ANA, CA 92705

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E39	ACD LLC	2321 S PULLMAN ST	RCRA-LQG	Higher	818, 0.155, WNW
D40	GE PLASTICS	1831 E. CARNEGIE AVE	SEMS	Higher	855, 0.162, West
D41	LNP ENGINEERING PLAS	1831 EAST CARNEGIE S	RCRA-LQG	Higher	855, 0.162, West
D42	GE PLASTICS	1831 CARNEGIE AVE	CPS-SLIC, HAZNET	Higher	855, 0.162, West
D43	ENERGY AND ENVIRONME	1831 E CARNEGIE AVE	RCRA-SQG, HAZNET	Higher	855, 0.162, West
D44	LNP CORPORATION	1831 E CARNEGIE	ENVIROSTOR, SWEEPS UST, HIST UST, CA FID UST, EMI	Higher	855, 0.162, West
F45	POLY OPTICAL PRODUCT	1815 E CARNEGIE AVE	RCRA-SQG, FINDS, ECHO, HAZNET	Higher	936, 0.177, WNW
46	SHELDAHL, INC-CIRCUI	15771 RED HILL AVENU	RCRA-SQG, FINDS, ECHO	Higher	1015, 0.192, NE
G47	TROY COMPUTER	2322 PULLMAN STREET	CPS-SLIC	Higher	1044, 0.198, NW
G48	TROY COMPUTER	2322 PULLMAN STREET	CPS-SLIC	Higher	1044, 0.198, NW
F49	XZX ELECTRONICS INC	1826 E CARNEGIE ST	RCRA-SQG, FINDS, ECHO, HAZNET	Higher	1054, 0.200, West
H50	STEELCASE INC-WESTER	1123 WARNER AVE	HIST UST	Higher	1083, 0.205, NNW
H51	RICOH ELECTRONICS, I	1123 WARNER AVE.	RCRA-SQG, ENVIROSTOR, LUST, UST, SWEEPS UST, HIST..	Higher	1083, 0.205, NNW
I52	IRVINE SCIENTIFIC	2511 DAIMLER STREET	RCRA-SQG	Lower	1109, 0.210, West
I53	IRVINE SCIENTIFIC SA	2511 DAIMLER ST	RCRA-SQG	Lower	1109, 0.210, West
J54	STRATOFLIGHT CORPORA	2331 S. PULLMAN STRE	AST	Higher	1150, 0.218, NW
J55	TROY DIV. OF PIERCE	2331 S. PULLMAN STRE	ENVIROSTOR	Higher	1150, 0.218, NW
F56	POPE CORP	1803 E CARNEGIE AVE	RCRA-SQG, FINDS, ECHO	Higher	1156, 0.219, WNW
57	KERR DENTAL MATERIAL	1800 E CARNEGIE AVE	RCRA NonGen / NLR	Higher	1191, 0.226, West
G58	AMERICAN FOOD SERVIC	2344 S PULLMAN ST	SWEEPS UST, HIST UST	Higher	1225, 0.232, NW
G59	AEROMIL ENGINEERING	2344 PULLMAN ST	LUST, HIST UST	Higher	1225, 0.232, NW
G60	AEROMILL ENGINEERING	2344 PULLMAN ST	LUST	Higher	1225, 0.232, NW
G61	STRATOFLIGHT	2344 S PULLMAN ST	AST	Higher	1225, 0.232, NW
G62	AMERICAN FOOD SERVIC	2344 PULLMAN ST	HIST UST	Higher	1225, 0.232, NW
G63	AMERICAN FOOD SERVIC	2344 S PULLMAN AVE	HIST UST, CA FID UST, NPDES, CIWQS	Higher	1225, 0.232, NW
64	FLUID RESEARCH CORP	15775 GATEWAY CIR	RCRA-SQG	Higher	1225, 0.232, North
K65	PULLMAN/CARNEGIE IND	2401 PULLMAN STREET	CPS-SLIC	Higher	1442, 0.273, WNW
K66	TOLO, INC.	2401 SOUTH PULLMAN S	SEMS-ARCHIVE	Higher	1442, 0.273, WNW
K67	TOLO INC	2401 PULLMAN ST	CPS-SLIC, HIST UST	Higher	1442, 0.273, WNW
68	TUSTIN AIR FAC SCH.	ARMSTRONG AVENUE/CAR	ENVIROSTOR, SCH	Lower	1517, 0.287, SE
69	TOSCO #30683 (FORMER	2350 PULLMAN	HIST CORTESE, NPDES, CIWQS	Higher	1534, 0.291, NW
70	HOLLY SUGAR CORPORAT	15671 E. DYER RD.	WMUDS/SWAT	Lower	1837, 0.348, SW
L71	GE AVIATION AKA INTE	2040 E DYER ROAD	SEMS, RCRA-LQG	Lower	1905, 0.361, SW
L72	BFM ENERGY PROD CORP	2040 E DYER RD	CPS-SLIC, SWEEPS UST, HIST UST, CA FID UST, Orange...	Lower	1905, 0.361, SW
73	GRAPHIC PACKAGING IN	1600 BARRANCA PKWY	RCRA-SQG, LUST, AST, HIST UST, EMI, NPDES, WDS,...	Lower	1961, 0.371, SSW
M74	WEST COAST COATINGS	2209 S LYON ST	RCRA-SQG, LUST, Orange Co. Industrial Site, ICIS,...	Higher	2308, 0.437, NW
M75	WEST COAST COATINGS	2209 SOUTH LYON STRE	ENVIROSTOR, LUST, CHMIRS, HIST CORTESE	Higher	2308, 0.437, NW
N76	IRVINE BUSINESS CENT	16520 ASTON ST	LUST, HIST UST	Lower	2331, 0.441, South
N77	IRVINE BUSINESS CENT	16520 ASTON	HIST CORTESE	Lower	2331, 0.441, South

MAPPED SITES SUMMARY

Target Property Address:
2320 REDHILL
SANTA ANA, CA 92705

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
O78	ORCO TOOLS AND EQUIP	2100 RITCHEY ST	LUST	Higher	2401, 0.455, NNW
P79	UNIVERSAL CIRCUITS,	1800 NEWPORT CIRCLE	ENVIROSTOR, CPS-SLIC, Orange Co. Industrial Site,...	Higher	2418, 0.458, NNW
P80	UNIVERSAL CIRCUITS I	1800 NEWPORT CIRCLE	SEMS-ARCHIVE, RCRA-SQG	Higher	2418, 0.458, NNW
O81	UNIVERSAL CIRCUITS	1720-1800 NEWPORT CI	CPS-SLIC	Higher	2432, 0.461, NNW
N82	PRINTRONIX, INC.	1700 BARRANCA PARKWA	ENVIROSTOR, LUST, HIST UST, EMI, NPDES, CIWQS	Lower	2529, 0.479, South
N83	FORMER PRINTRONIX S	1700 BARRANCA RD	RCRA-SQG, LUST, FINDS	Lower	2529, 0.479, South
84	COORS DISTRIBUTION F	15471 DEL AMO	LUST, HIST CORTESE	Higher	2533, 0.480, NNE
85	WEBER PLYWOOD	15501 MOSHER AVE	LUST, UST, HIST UST, NPDES, WDS, CIWQS	Higher	2598, 0.492, NNE
86	TUSTIN AIR FAC. SCHO	VALENCIA AVENUE/RED	ENVIROSTOR, SCH	Higher	2696, 0.511, NE
Q87	TUSTIN MARINE CORPS	NEWPORT FREEWAY AT E	RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED,...	Higher	2857, 0.541, NE
Q88	TUSTIN LEGACY COMMUN	MCAS TUSTIN	ENVIROSTOR, VCP	Higher	2931, 0.555, NE
R89	TRE METAL PROCESSING	1900 EAST DEERE ROAD	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen /..	Lower	3348, 0.634, SW
R90	T R E METAL PROCESSI	1900 DEERE RD	ENVIROSTOR, HWP	Lower	3348, 0.634, SW
91	RED HILL/VALENCIA K-	RED HILL AVENUE/SANT	ENVIROSTOR, SCH	Higher	3544, 0.671, NE
92	NAVAL AIR STATION		ENVIROSTOR	Lower	3727, 0.706, ESE
93	DIESEL LOGISTICS	1331 E. WARNER AVE	RESPONSE, ENVIROSTOR, Cortese	Higher	3848, 0.729, WNW
94	ASTECH - DIVISION OF	3030 RED HILL AVE	ENVIROSTOR, HIST UST, CHMIRS, NPDES, CIWQS	Lower	3983, 0.754, SW
S95	SOCO WEST INC./FORME	1341 MAYWOOD AVENUE	RESPONSE, ENVIROSTOR, Cortese	Higher	3996, 0.757, WNW
S96	SERVICE CHEMICAL SIT	1341 E MAYWOOD AVE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG,...	Higher	3996, 0.757, WNW
97	SOUTH BAY CHROME SAL	2041 S. GRAND AVENUE	ENVIROSTOR	Higher	4029, 0.763, NW
T98	MCKESSON CHEMICAL	1302 INDUSTRIAL DRIV	ENVIROSTOR	Higher	4109, 0.778, NNE
T99	MCKESSON CHEM CO	1302 INDUSTRIAL DR	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG,...	Higher	4109, 0.778, NNE
100	TRACOR FLIGHT SYSTEM	1241 E DYER ROAD	ENVIROSTOR, EMI	Lower	4222, 0.800, West
101	SUPERIOR PROCESSING	1582 PARKWAY LOOP #H	ENVIROSTOR	Higher	4234, 0.802, NE
102	MBH ELECTRONICS	1410 E SAINT GERTRUD	ENVIROSTOR	Higher	4310, 0.816, NW
U103	EMBEE PLATING	2144 S HATHAWAY ST	ENVIROSTOR, Orange Co. Industrial Site, US AIRS,...	Higher	4312, 0.817, NW
104	EMBEE PLATING	2144 SOUTH HATHAWAY	ENVIROSTOR, HIST CORTESE	Higher	4313, 0.817, WNW
U105	TRIUMPH PROCESSING -	2136 SOUTH HATHAWAY	SEMS-ARCHIVE, CORRACTS, RCRA-LQG	Higher	4405, 0.834, NW
V106	SOUTHEAST SANTA ANA	GENERALLY BOUNDED N	ENVIROSTOR	Higher	4425, 0.838, WNW
107	BP CHEMICALS FIBERS	700 E DYER RD	ENVIROSTOR, LUST, SWEEPS UST, CA FID UST, EMI	Lower	4430, 0.839, West
V108	TEXTRON FASTENING SY	1224 E WARNER AVE	ENVIROSTOR, AST, SWEEPS UST, HIST UST, CA FID UST,...	Lower	4433, 0.840, WNW
V109	CHERRY AEROSPACE	1224 EAST WARNER AVE	CORRACTS, RCRA-LQG, TRIS, ICIS, US AIRS, FINDS,...	Lower	4433, 0.840, WNW
110	MCAS SANTA ANA		ENVIROSTOR	Lower	4436, 0.840, ESE
111	CARETAKER SITE OFFIC	USMC AIR STATION (HE	ENVIROSTOR, FINDS, ICE, HWP	Lower	4604, 0.872, East
112	SALLY BEAUTY SUPPLIE	16585 VON KARMAN AVE	ENVIROSTOR, Orange Co. Industrial Site, HAZNET	Lower	4639, 0.879, SSE
113	TEXTRON AEROSPACE FA	1224 E. WARNER AVENU	ENVIROSTOR	Higher	4666, 0.884, WNW
114	DICEON ELECTRONICS	2215 S. STANDARD AVE	ENVIROSTOR, VCP	Higher	4721, 0.894, WNW
W115	GALLADE CHEMICAL INC	1230 E SAINT GERTRUD	AST, SWEEPS UST, HIST UST, CA FID UST, HWP, NPDES,...	Higher	4900, 0.928, WNW
116	ELECTROLURGY INCORPO	1121 DURYEA AVE.	RCRA-LQG, ENVIROSTOR, Orange Co. Industrial Site,...	Lower	4912, 0.930, WSW

MAPPED SITES SUMMARY

Target Property Address:
2320 REDHILL
SANTA ANA, CA 92705

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
X117	RIGID FLEX INTERNATI	644 E YOUNG ST	ENVIROSTOR, RCRA NonGen / NLR, WDS	Lower	4921, 0.932, West
W118	ORANGE COUNTY CHEM C	1230 E. SAINT GERTRU	ENVIROSTOR	Higher	4968, 0.941, WNW
W119	AVALON CHEMICAL COMP	1230 SAINT GERTRUDE	ENVIROSTOR	Higher	4968, 0.941, WNW
W120	GALLADE CHEMICAL, IN	1230 E SAINT GERTRUD	ENVIROSTOR, DEED, ICE	Higher	4968, 0.941, WNW
W121	GALLADE CHEMICAL INC	1230 EAST SAINT GERT	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG, US...	Higher	4968, 0.941, WNW
Y122	KNORR SYSTEMS	2221 S. STANDARD AVE	ENVIROSTOR	Higher	4990, 0.945, WNW
123	TUSTIN ARMED FORCES	2345 BARRANCA PKWY	ENVIROSTOR, NPDES, CIWQS	Lower	5044, 0.955, SSE
X124	GORILLAS POLISHING &	654 E YOUNG STREET	ENVIROSTOR, LUST, HIST UST, Orange Co. Industrial...	Lower	5051, 0.957, West
Y125	EXTRUDED PLASTICS CO	2201 SOUTH STANDARD	ENVIROSTOR	Higher	5072, 0.961, WNW
126	SIXTH & VERMONT INVE	17091 DAIMLER ST	Orange Co. Industrial Site, HWP	Lower	5114, 0.969, SW
127	ITT CANNON LLC	666 EAST DYER ROAD	RCRA-LQG, ENVIROSTOR, LUST, SWEEPS UST, HIST UST,...	Lower	5117, 0.969, WSW
128	TUSTIN PARCEL A	2300 BLOCK EDINGER A	ENVIROSTOR	Higher	5247, 0.994, NE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
RICOH ELECTRONICS, I 2320 REDHILL AVE. SANTA ANA, CA 92705	UST Database: UST, Date of Government Version: 03/12/2018 Facility Id: 30-020-sa186 TSCA Chemical Number: 80091 Chemical Number: 85609 Chemical Number: 92911 Chemical Number: 471341 Chemical Number: 1309382 <i>*Additional key fields are available in the Map Findings section</i>	N/A
RICOH ELECTRONICS, I 2320 S RED HILL AVE SANTA ANA, CA 92705	LUST Database: LUST, Date of Government Version: 03/12/2018 Status: Completed - Case Closed Global Id: T0605900440	N/A
RICOH ELECTRONICS, I 2310 RED HILL AVE SANTA ANA, CA 92705	HIST UST Facility Id: 00000019673	N/A
3520 RB8 2320 REDHILL AVE SANTA ANA, CA 92705	FINDS Registry ID:: 110043366381	N/A
RICOH ELECTRONICS IN 2320 REDHILL AVE SANTA ANA, CA 92705	SWEEPS UST Status: A Tank Status: A Comp Number: 186 TSCA Chemical Number: 93589696 Chemical Number: 64742489	N/A
RICOH ELECTRONICS IN 2300-2310 RED HILL A SANTA ANA, CA	EMI Facility Id: 12949	N/A
RICOH ELECTRONICS, I 2320 RED HILL AVE SANTA ANA, CA	RGA LUST	N/A
RICOH ELECTRONICS IN 2320 REDHILL AVE. SANTA ANA, CA 92705	TSCA	N/A

EXECUTIVE SUMMARY

RICOH ELECTRONICS, I 2320 RED HILL AVE SANTA ANA, CA 92705	RCRA-LQG EPA ID:: CAD021229901	CAD021229901
RICOH ELECTRONICS, I 2320 RED HILL AVENUE SANTA ANA, CA	RGA LUST	N/A
RICOH ELECTRONICS, I 2320 S RED HILL AVE SANTA ANA, CA	RGA LUST	N/A
RICOH ELECTRONICS IN 2320 REDHILL SANTA ANA, CA 92705	TSCA Chemical Number: 119471 Chemical Number: 39635795 Chemical Number: 96695 Chemical Number: 93589696 Chemical Number: 90884290 <i>*Additional key fields are available in the Map Findings section</i>	N/A
GW CLEANUP-S.A., RED 2320 REDHILL SANTA ANA, CA 92705	ENF Status: Historical Status: Historical Facility Id: 228489 HIST CORTESE Reg Id: 8 302571001 CIWQS	N/A
RICOH ELECTRONICS IN 2320 RED HILL AVE SANTA ANA, CA 92705	TSCA Chemical Number: 64742489 Chemical Number: 108883 Chemical Number: 8032324 FTTS Database: FTTS INSP, Date of Government Version: 04/09/2009 HIST FTTS Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	N/A
RICOH ELECTRONICS - 2320 REDHILL AVE. SANTA ANA, CA 92705	TSCA	N/A
RICOH ELECTRONICS IN 2310 REDHILL AVENUE SANTA ANA, CA 92705	HIST UST	N/A
SOUTHERN CALIFORNIA 2320 RED HILL AVE SANTA ANA, CA 92705	HAZNET	N/A

EXECUTIVE SUMMARY

GEPAID: CAC002691380

RICOH ELECTRONICS, I
2320 RED HILL AVENUE
SANTA ANA, CA

RGA LUST

N/A

RICOH ELECTONICS, IN
2320 RED HILL AVENUE
SANTA ANA, CA 92705

ECHO
Registry ID: 110000480578

N/A

RICOH ELECTRONICS IN
2320 REDHILL AVE
SANTA ANA, CA 92705

LUST
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Post remedial action monitoring
Global ID: T0605900440

N/A

CA FID UST
Facility Id: 30017800
Status: A

EMI
Facility Id: 61722

HIST CORTESE
Reg Id: 083000552T

NPDES
Facility Status: Active

WDS
Facility Status: A
Facility Id: 8 30I002558

CIWQS

GW CLEANUP-S.A.NARED
2320 REDHILL
SANTA ANA, CA 92705

FINDS
Registry ID:: 110065993768

N/A

RICOH ELECTRONICS IN
2320 REDHILL AVE.
SANTA ANA, CA 92705

FINDS
Registry ID:: 110000480578

N/A

RICOH ELECTRONIC
2300-2320 REDHILL AV
SANTA ANA, CA 92705

HAZNET
GEPAID: CAD021229901

N/A

RICOH ELECTRONICS, I
2320 RED HILL AVENUE
SANTA ANA, CA

RGA LUST

N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register
CERS HAZ WASTE..... CERS HAZ WASTE

Local Lists of Registered Storage Tanks

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

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
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information

EXECUTIVE SUMMARY

EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
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
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
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
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WIP.....	Well Investigation Program Case List
UIC GEO.....	UIC GEO (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
CERS.....	CERS
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EXECUTIVE SUMMARY

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

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

A review of the SEMS list, as provided by EDR, and dated 01/09/2018 has revealed that there are 2 SEMS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GE PLASTICS	1831 E. CARNEGIE AVE	W 1/8 - 1/4 (0.162 mi.)	D40	75
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GE AVIATION AKA INTE</i>	<i>2040 E DYER ROAD</i>	<i>SW 1/4 - 1/2 (0.361 mi.)</i>	<i>L71</i>	<i>174</i>

EXECUTIVE SUMMARY

Federal CERCLIS NFRAP site list

SEMS-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.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 01/09/2018 has revealed that there are 3 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GEMINI IND INC	2311 S PULLMAN ST	NW 1/8 - 1/4 (0.149 mi.)	C37	63
TOLO, INC.	2401 SOUTH PULLMAN S	WNW 1/4 - 1/2 (0.273 mi.)	K66	165
UNIVERSAL CIRCUITS I	1800 NEWPORT CIRCLE	NNW 1/4 - 1/2 (0.458 mi.)	P80	245

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/11/2017 has revealed that there are 7 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GEMINI IND INC	2311 S PULLMAN ST	NW 1/8 - 1/4 (0.149 mi.)	C37	63
SERVICE CHEMICAL SIT	1341 E MAYWOOD AVE	WNW 1/2 - 1 (0.757 mi.)	S96	485
MCKESSON CHEM CO	1302 INDUSTRIAL DR	NNE 1/2 - 1 (0.778 mi.)	T99	516
TRIUMPH PROCESSING -	2136 SOUTH HATHAWAY	NW 1/2 - 1 (0.834 mi.)	U105	550
GALLADE CHEMICAL INC	1230 EAST SAINT GERT	WNW 1/2 - 1 (0.941 mi.)	W121	708
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TRE METAL PROCESSING	1900 EAST DEERE ROAD	SW 1/2 - 1 (0.634 mi.)	R89	445
CHERRY AEROSPACE	1224 EAST WARNER AVE	WNW 1/2 - 1 (0.840 mi.)	V109	603

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: 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

EXECUTIVE SUMMARY

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-TSDF list, as provided by EDR, and dated 12/11/2017 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GEMINI IND INC	2311 S PULLMAN ST	NW 1/8 - 1/4 (0.149 mi.)	C37	63

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 12/11/2017 has revealed that there are 4 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GOODWILL INDUSTRIES	1231 WARNER AVE	NNW 0 - 1/8 (0.037 mi.)	25	42
ACD LLC	2321 S PULLMAN ST	WNW 1/8 - 1/4 (0.155 mi.)	E39	72
LNP ENGINEERING PLAS	1831 EAST CARNEGIE S	W 1/8 - 1/4 (0.162 mi.)	D41	76
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRASSTECH - CARNEGIE	2001 CARNEGIE AVE	SW 0 - 1/8 (0.087 mi.)	26	45

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 12/11/2017 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GSX OF ORANGE COUNTY	1830 E WARNER AVE	NW 0 - 1/8 (0.115 mi.)	C32	53
GEMINI IND INC	2311 S PULLMAN ST	NW 1/8 - 1/4 (0.149 mi.)	C37	63
ENERGY AND ENVIRONME	1831 E CARNEGIE AVE	W 1/8 - 1/4 (0.162 mi.)	D43	79
POLY OPTICAL PRODUCT	1815 E CARNEGIE AVE	WNW 1/8 - 1/4 (0.177 mi.)	F45	85
SHELDAHL, INC-CIRCUI	15771 RED HILL AVENU	NE 1/8 - 1/4 (0.192 mi.)	46	87
XZX ELECTRONICS INC	1826 E CARNEGIE ST	W 1/8 - 1/4 (0.200 mi.)	F49	93
RICOH ELECTRONICS, I	1123 WARNER AVE.	NNW 1/8 - 1/4 (0.205 mi.)	H51	96
POPE CORP	1803 E CARNEGIE AVE	WNW 1/8 - 1/4 (0.219 mi.)	F56	130
FLUID RESEARCH CORP	15775 GATEWAY CIR	N 1/8 - 1/4 (0.232 mi.)	64	162
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IRVINE SCIENTIFIC	2511 DAIMLER STREET	W 1/8 - 1/4 (0.210 mi.)	I52	125

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IRVINE SCIENTIFIC SA	2511 DAIMLER ST	W 1/8 - 1/4 (0.210 mi.)	I53	127

State- and tribal - equivalent NPL

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there are 3 RESPONSE sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TUSTIN MARINE CORPS AWP Facility Id: 30970002 Status: Active Facility Id: 30970002	NEWPORT FREEWAY AT E	NE 1/2 - 1 (0.541 mi.)	Q87	279
DIESEL LOGISTICS Database: RESPONSE, Date of Government Version: 01/30/2018 Status: Active Facility Id: 60001272	1331 E. WARNER AVE	WNW 1/2 - 1 (0.729 mi.)	93	455
SOCO WEST INC./FORME Database: RESPONSE, Date of Government Version: 01/30/2018 Status: Active Facility Id: 60002003	1341 MAYWOOD AVENUE	WNW 1/2 - 1 (0.757 mi.)	S95	471

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/30/2018 has revealed that there are 43 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GEMINI IND INC Facility Id: 80001445 Status: * Inactive	2311 S PULLMAN ST	NW 1/8 - 1/4 (0.149 mi.)	C37	63
LNP CORPORATION Facility Id: 60001200	1831 E CARNEGIE	W 1/8 - 1/4 (0.162 mi.)	D44	82

EXECUTIVE SUMMARY

Status: Refer: RWQCB				
RICOH ELECTRONICS, I	1123 WARNER AVE.	NNW 1/8 - 1/4 (0.205 mi.)	H51	96
Facility Id: 71002518				
Status: Refer: RWQCB				
TROY DIV. OF PIERCE	2331 S. PULLMAN STRE	NW 1/8 - 1/4 (0.218 mi.)	J55	129
Facility Id: 71003284				
Status: Inactive - Needs Evaluation				
WEST COAST COATINGS	2209 SOUTH LYON STRE	NW 1/4 - 1/2 (0.437 mi.)	M75	226
Facility Id: 30280536				
Status: Refer: 1248 Local Agency				
UNIVERSAL CIRCUITS,	1800 NEWPORT CIRCLE	NNW 1/4 - 1/2 (0.458 mi.)	P79	242
Facility Id: 30360252				
Status: Refer: Other Agency				
TUSTIN AIR FAC. SCHO	VALENCIA AVENUE/RED	NE 1/2 - 1 (0.511 mi.)	86	276
Facility Id: 30970011				
Status: Inactive - Needs Evaluation				
TUSTIN MARINE CORPS	NEWPORT FREEWAY AT E	NE 1/2 - 1 (0.541 mi.)	Q87	279
Facility Id: 30970002				
Status: Active				
TUSTIN LEGACY COMMUN	MCAS TUSTIN	NE 1/2 - 1 (0.555 mi.)	Q88	435
Facility Id: 80001203				
Status: Active				
RED HILL/VALENCIA K-	RED HILL AVENUE/SANT	NE 1/2 - 1 (0.671 mi.)	91	451
Facility Id: 30970014				
Status: No Further Action				
DIESEL LOGISTICS	1331 E. WARNER AVE	WNW 1/2 - 1 (0.729 mi.)	93	455
Facility Id: 60001272				
Status: Active				
SOCO WEST INC./FORME	1341 MAYWOOD AVENUE	WNW 1/2 - 1 (0.757 mi.)	S95	471
Facility Id: 60002003				
Facility Id: 80001779				
Facility Id: 30280469				
Status: Active				
Status: Refer: SMBRP				
Status: Refer: RCRA				
SOUTH BAY CHROME SAL	2041 S. GRAND AVENUE	NW 1/2 - 1 (0.763 mi.)	97	512
Facility Id: 71003356				
Status: Inactive - Needs Evaluation				
MCKESSON CHEMICAL	1302 INDUSTRIAL DRIV	NNE 1/2 - 1 (0.778 mi.)	T98	513
Facility Id: 30280149				
Facility Id: 80001441				
Status: Refer: RCRA				
Status: * Completed				
SUPERIOR PROCESSING	1582 PARKWAY LOOP #H	NE 1/2 - 1 (0.802 mi.)	101	524
Facility Id: 71003341				
Status: Inactive - Needs Evaluation				
MBH ELECTRONICS	1410 E SAINT GERTRUD	NW 1/2 - 1 (0.816 mi.)	102	525
Facility Id: 60001270				
Status: Refer: RWQCB				
EMBEE PLATING	2144 S HATHAWAY ST	NW 1/2 - 1 (0.817 mi.)	U103	526

EXECUTIVE SUMMARY

Facility Id: 71002312 Status: Refer: Other Agency				
EMBEE PLATING Facility Id: 30340013 Status: Active	2144 SOUTH HATHAWAY	WNW 1/2 - 1 (0.817 mi.)	104	541
SOUTHEAST SANTA ANA Facility Id: 60001544 Status: No Action Required	GENERALLY BOUNDED N	WNW 1/2 - 1 (0.838 mi.)	V106	573
TEXTRON AEROSPACE FA Facility Id: 71002236 Status: No Action Required	1224 E. WARNER AVENUE	WNW 1/2 - 1 (0.884 mi.)	113	661
DICEON ELECTRONICS Facility Id: 60001271 Status: Active	2215 S. STANDARD AVE	WNW 1/2 - 1 (0.894 mi.)	114	663
ORANGE COUNTY CHEM C Facility Id: 71002348 Status: Inactive - Needs Evaluation	1230 E. SAINT GERTRU	WNW 1/2 - 1 (0.941 mi.)	W118	700
AVALON CHEMICAL COMP Facility Id: 30510001 Status: Refer: RCRA	1230 SAINT GERTRUDE	WNW 1/2 - 1 (0.941 mi.)	W119	701
GALLADE CHEMICAL, IN Facility Id: 80001356 Status: Active	1230 E SAINT GERTRUD	WNW 1/2 - 1 (0.941 mi.)	W120	702
KNORR SYSTEMS Facility Id: 60001514 Status: Refer: RWQCB	2221 S. STANDARD AVE	WNW 1/2 - 1 (0.945 mi.)	Y122	732
EXTRUDED PLASTICS CO Facility Id: 30280534 Status: Refer: EPA	2201 SOUTH STANDARD	WNW 1/2 - 1 (0.961 mi.)	Y125	742
TUSTIN PARCEL A Facility Id: 30970005 Status: No Further Action	2300 BLOCK EDINGER A	NE 1/2 - 1 (0.994 mi.)	128	835
Lower Elevation	Address	Direction / Distance	Map ID	Page
TUSTIN AIR FAC SCH. Facility Id: 30970012 Status: Inactive - Needs Evaluation	ARMSTRONG AVENUE/CAR	SE 1/4 - 1/2 (0.287 mi.)	68	167
PRINTRONIX, INC. Facility Id: 71002119 Status: Active	1700 BARRANCA PARKWA	S 1/4 - 1/2 (0.479 mi.)	N82	249
T R E METAL PROCESSI Facility Id: 80001340 Status: * Inactive	1900 DEERE RD	SW 1/2 - 1 (0.634 mi.)	R90	450
NAVAL AIR STATION Facility Id: 80000828 Status: Inactive - Action Required		ESE 1/2 - 1 (0.706 mi.)	92	454
ASTECH - DIVISION OF Facility Id: 60001408 Status: Refer: RWQCB	3030 RED HILL AVE	SW 1/2 - 1 (0.754 mi.)	94	465
TRACOR FLIGHT SYSTEM	1241 E DYER ROAD	W 1/2 - 1 (0.800 mi.)	100	523

EXECUTIVE SUMMARY

Facility Id: 71003332 Status: Inactive - Needs Evaluation				
BP CHEMICALS FIBERS	700 E DYER RD	W 1/2 - 1 (0.839 mi.)	107	574
Facility Id: 60000580 Status: Refer: RWQCB				
TEXTRON FASTENING SY	1224 E WARNER AVE	WNW 1/2 - 1 (0.840 mi.)	V108	579
Facility Id: 60001102 Status: Active				
MCAS SANTA ANA		ESE 1/2 - 1 (0.840 mi.)	110	653
Facility Id: 80000547 Status: Inactive - Action Required				
CARETAKER SITE OFFIC	USMC AIR STATION (HE	E 1/2 - 1 (0.872 mi.)	111	654
Facility Id: 80001281 Status: Refer: SMBRP				
SALLY BEAUTY SUPPLIE	16585 VON KARMAN AVE	SSE 1/2 - 1 (0.879 mi.)	112	659
Facility Id: 30720006 Status: Refer: 1248 Local Agency				
ELECTROLURGY INCORPO	1121 DURYEA AVE.	WSW 1/2 - 1 (0.930 mi.)	116	674
Facility Id: 71002944 Status: Inactive - Needs Evaluation				
RIGID FLEX INTERNATI	644 E YOUNG ST	W 1/2 - 1 (0.932 mi.)	X117	692
Facility Id: 71003099 Status: Active				
TUSTIN ARMED FORCES	2345 BARRANCA PKWY	SSE 1/2 - 1 (0.955 mi.)	123	733
Facility Id: 30970009 Status: * De-listed				
GORILLAS POLISHING &	654 E YOUNG STREET	W 1/2 - 1 (0.957 mi.)	X124	738
Facility Id: 71003767 Facility Id: 60001275 Status: Inactive - Needs Evaluation Status: Refer: EPA				
ITT CANNON LLC	666 EAST DYER ROAD	WSW 1/2 - 1 (0.969 mi.)	127	744
Facility Id: 60001274 Facility Id: 71002432 Status: Refer: RWQCB Status: Refer: Other Agency				

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, has revealed that there are 16 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USMCAS TUSTIN UST 32 Database: LUST REG 8, Date of Government Version: 02/14/2005	USMCAS TUSTIN	SE 0 - 1/8 (0.089 mi.)	B30	51

EXECUTIVE SUMMARY

Facility Status: Case Closed Global ID: T0605927252				
DUTRO, WAYNE	1522 WARNER AVE	NNW 0 - 1/8 (0.114 mi.)	C31	52
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0605900677				
LAIDLAW	1830 WARNER AVE	NW 0 - 1/8 (0.115 mi.)	C33	55
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0605901310				
MILO EQUIPMENT CORPO	1830 E WARNER AVE	NW 0 - 1/8 (0.115 mi.)	C34	56
Database: LUST, Date of Government Version: 03/12/2018 Status: Completed - Case Closed Global Id: T0605901310				
RICOH ELECTRONICS, I	1123 WARNER AVE.	NNW 1/8 - 1/4 (0.205 mi.)	H51	96
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: ORANGE CO. LUST, Date of Government Version: 02/05/2018 Database: LUST, Date of Government Version: 03/12/2018 Status: Open - Remediation Facility Id: 85UT093 Facility Status: Remedial action (cleanup) Underway Global Id: T0605900308 Global ID: T0605900308				
AEROMIL ENGINEERING	2344 PULLMAN ST	NW 1/8 - 1/4 (0.232 mi.)	G59	135
Database: LUST, Date of Government Version: 03/12/2018 Status: Open - Remediation Global Id: T0605901714				
AEROMILL ENGINEERING	2344 PULLMAN ST	NW 1/8 - 1/4 (0.232 mi.)	G60	155
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Remedial action (cleanup) Underway Global ID: T0605901714				
WEST COAST COATINGS	2209 S LYON ST	NW 1/4 - 1/2 (0.437 mi.)	M74	215
Database: LUST, Date of Government Version: 03/12/2018 Status: Completed - Case Closed Global Id: T0605900175				
WEST COAST COATINGS	2209 SOUTH LYON STRE	NW 1/4 - 1/2 (0.437 mi.)	M75	226
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0605900175				
ORCO TOOLS AND EQUIP	2100 RITCHEY ST	NNW 1/4 - 1/2 (0.455 mi.)	O78	233
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 03/12/2018 Status: Open - Site Assessment Facility Status: Pollution Characterization Global Id: T0605902142 Global ID: T0605902142				
COORS DISTRIBUTION F	15471 DEL AMO	NNE 1/4 - 1/2 (0.480 mi.)	84	266
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: ORANGE CO. LUST, Date of Government Version: 02/05/2018 Database: LUST, Date of Government Version: 03/12/2018 Status: Completed - Case Closed				

EXECUTIVE SUMMARY

Facility Id: 89UT030
 Facility Status: Case Closed
 Global Id: T0605900910
 Global ID: T0605900910

WEBER PLYWOOD	15501 MOSHER AVE	NNE 1/4 - 1/2 (0.492 mi.)	85	269
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Database: ORANGE CO. LUST, Date of Government Version: 02/05/2018				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Facility Id: 92UT131				
Facility Status: Case Closed				
Global Id: T0605901620				
Global ID: T0605901620				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GRAPHIC PACKAGING IN	1600 BARRANCA PKWY	SSW 1/4 - 1/2 (0.371 mi.)	73	195
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Database: ORANGE CO. LUST, Date of Government Version: 02/05/2018				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Facility Id: 87UT074				
Facility Status: Remediation Plan				
Global Id: T0605900479				
Global ID: T0605900479				
IRVINE BUSINESS CENT	16520 ASTON ST	S 1/4 - 1/2 (0.441 mi.)	N76	230
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Database: ORANGE CO. LUST, Date of Government Version: 02/05/2018				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Facility Id: 90UT264				
Facility Status: Case Closed				
Global Id: T0605901286				
Global ID: T0605901286				
PRINTRONIX, INC.	1700 BARRANCA PARKWA	S 1/4 - 1/2 (0.479 mi.)	N82	249
Database: ORANGE CO. LUST, Date of Government Version: 02/05/2018				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Open - Verification Monitoring				
Facility Id: 87UT242				
Global Id: T0605900560				
FORMER PRINTRONIX S	1700 BARRANCA RD	S 1/4 - 1/2 (0.479 mi.)	N83	263
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Facility Status: Post remedial action monitoring				
Global ID: T0605900560				

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 11 CPS-SLIC sites

EXECUTIVE SUMMARY

within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USMCAF TUSTIN Database: SLIC REG 8, Date of Government Version: 04/03/2008 Facility Status: Additional Characterization Underway	N/A REDHILL & BARRAN	SE 0 - 1/8 (0.089 mi.)	B27	49
VESTAR - MCAS TUSTIN Database: SLIC REG 8, Date of Government Version: 04/03/2008 Facility Status: Post-Investigation/Remediation Monitoring	PARCEL 12	SE 0 - 1/8 (0.089 mi.)	B28	49
VESTAR - THE DISTRIC Database: CPS-SLIC, Date of Government Version: 03/12/2018 Global Id: SL0605928683 Facility Status: Completed - Case Closed	JAMBOREE	SE 0 - 1/8 (0.089 mi.)	B29	50
GE PLASTICS Database: SLIC REG 8, Date of Government Version: 04/03/2008 Database: CPS-SLIC, Date of Government Version: 03/12/2018 Global Id: SL0002080016 Facility Status: Additional Characterization Underway Facility Status: Open - Remediation	1831 CARNEGIE AVE	W 1/8 - 1/4 (0.162 mi.)	D42	77
TROY COMPUTER Database: CPS-SLIC, Date of Government Version: 03/12/2018 Global Id: SLT8R1964095 Facility Status: Open - Remediation	2322 PULLMAN STREET	NW 1/8 - 1/4 (0.198 mi.)	G47	90
TROY COMPUTER Database: SLIC REG 8, Date of Government Version: 04/03/2008	2322 PULLMAN STREET	NW 1/8 - 1/4 (0.198 mi.)	G48	92
PULLMAN/CARNEGIE IND Database: SLIC REG 8, Date of Government Version: 04/03/2008 Facility Status: Closed	2401 PULLMAN STREET	WNW 1/4 - 1/2 (0.273 mi.)	K65	164
TOLO INC Database: CPS-SLIC, Date of Government Version: 03/12/2018 Global Id: SLT8R0893972 Facility Status: Completed - Case Closed	2401 PULLMAN ST	WNW 1/4 - 1/2 (0.273 mi.)	K67	166
UNIVERSAL CIRCUITS, Database: SLIC REG 8, Date of Government Version: 04/03/2008	1800 NEWPORT CIRCLE	NNW 1/4 - 1/2 (0.458 mi.)	P79	242
UNIVERSAL CIRCUITS Database: CPS-SLIC, Date of Government Version: 03/12/2018 Global Id: SL208393894 Facility Status: Open - Site Assessment	1720-1800 NEWPORT CI	NNW 1/4 - 1/2 (0.461 mi.)	O81	248
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BFM ENERGY PROD CORP Database: CPS-SLIC, Date of Government Version: 03/12/2018 Global Id: T0605900807 Facility Status: Open - Remediation	2040 E DYER RD	SW 1/4 - 1/2 (0.361 mi.)	L72	191

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RICOH ELECTRONICS, I Database: UST, Date of Government Version: 03/12/2018 Facility Id: 129	1123 WARNER AVE.	NNW 1/8 - 1/4 (0.205 mi.)	H51	96

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 2 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STRATOFLIGHT CORPORA Database: AST, Date of Government Version: 07/06/2016	2331 S. PULLMAN STRE	NW 1/8 - 1/4 (0.218 mi.)	J54	128
STRATOFLIGHT Database: AST, Date of Government Version: 07/06/2016	2344 S PULLMAN ST	NW 1/8 - 1/4 (0.232 mi.)	G61	156

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOLLY SUGAR CORPORAT	15671 E. DYER RD.	SW 1/4 - 1/2 (0.348 mi.)	70	173

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there

EXECUTIVE SUMMARY

is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TUSTIN MARINE CORPS	NEWPORT FREEWAY AT E	NE 1/2 - 1 (0.541 mi.)	Q87	279

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 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MILO EQUIPMENT CORPO Status: A Tank Status: A Comp Number: 43352	1830 E WARNER AVE	NW 0 - 1/8 (0.115 mi.)	C34	56
LNP CORPORATION Comp Number: 42	1831 E CARNEGIE	W 1/8 - 1/4 (0.162 mi.)	D44	82
RICOH ELECTRONICS, I Status: A Tank Status: A Comp Number: 129	1123 WARNER AVE.	NNW 1/8 - 1/4 (0.205 mi.)	H51	96
AMERICAN FOOD SERVIC Comp Number: 183	2344 S PULLMAN ST	NW 1/8 - 1/4 (0.232 mi.)	G58	133

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MILO EQUIPMENT CORPO	1830 E WARNER AVE	NW 0 - 1/8 (0.115 mi.)	C34	56
MILO EQUIPMENT CORPO Facility Id: 00000043352	1830 E WARNER AVE	NW 0 - 1/8 (0.115 mi.)	C35	59
GEMINI IND INC Facility Id: 00000045679	2311 S PULLMAN ST	NW 1/8 - 1/4 (0.149 mi.)	C37	63
LNP CORPORATION Facility Id: 00000016515	1831 E CARNEGIE	W 1/8 - 1/4 (0.162 mi.)	D44	82
STEELCASE INC-WESTER Facility Id: 00000043482	1123 WARNER AVE	NNW 1/8 - 1/4 (0.205 mi.)	H50	96
RICOH ELECTRONICS, I Facility Id: 00000021500	1123 WARNER AVE.	NNW 1/8 - 1/4 (0.205 mi.)	H51	96
AMERICAN FOOD SERVIC	2344 S PULLMAN ST	NW 1/8 - 1/4 (0.232 mi.)	G58	133
AEROMIL ENGINEERING	2344 PULLMAN ST	NW 1/8 - 1/4 (0.232 mi.)	G59	135

EXECUTIVE SUMMARY

Facility Id: 00000058048				
AMERICAN FOOD SERVIC	2344 PULLMAN ST	NW 1/8 - 1/4 (0.232 mi.)	G62	156
Facility Id: 00000067778				
AMERICAN FOOD SERVIC	2344 S PULLMAN AVE	NW 1/8 - 1/4 (0.232 mi.)	G63	157

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 4 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MILO EQUIPMENT CORPO Facility Id: 30003201 Status: A	1830 E WARNER AVE	NW 0 - 1/8 (0.115 mi.)	C34	56
LNP CORPORATION Facility Id: 30006524 Status: A	1831 E CARNEGIE	W 1/8 - 1/4 (0.162 mi.)	D44	82
RICOH ELECTRONICS, I Facility Id: 30000455 Status: A	1123 WARNER AVE.	NNW 1/8 - 1/4 (0.205 mi.)	H51	96
AMERICAN FOOD SERVIC Facility Id: 30001786 Status: A	2344 S PULLMAN AVE	NW 1/8 - 1/4 (0.232 mi.)	G63	157

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 12/11/2017 has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VOSS ELECTRONIC INC	1848 E CARNEIGE	W 1/8 - 1/4 (0.143 mi.)	D36	60
DANA CORP SPICER STE	2321 S PULLMAN AVE	WNW 1/8 - 1/4 (0.155 mi.)	E38	71
KERR DENTAL MATERIAL	1800 E CARNEGIE AVE	W 1/8 - 1/4 (0.226 mi.)	57	131

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD

EXECUTIVE SUMMARY

site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TUSTIN MARINE CORPS		SE 0 - 1/8 (0.002 mi.)	0	41

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 7 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LAIDLAW Reg Id: 083001740T	1830 WARNER AVE	NW 0 - 1/8 (0.115 mi.)	C33	55
RICOH ELECTRONICS, I Reg Id: 083000389T	1123 WARNER AVE.	NNW 1/8 - 1/4 (0.205 mi.)	H51	96
TOSCO #30683 (FORMER) Reg Id: 3040	2350 PULLMAN	NW 1/4 - 1/2 (0.291 mi.)	69	169
WEST COAST COATINGS Reg Id: 083000228T	2209 SOUTH LYON STRE	NW 1/4 - 1/2 (0.437 mi.)	M75	226
UNIVERSAL CIRCUITS, Reg Id: 30360252	1800 NEWPORT CIRCLE	NNW 1/4 - 1/2 (0.458 mi.)	P79	242
COORS DISTRIBUTION F Reg Id: 083001152T	15471 DEL AMO	NNE 1/4 - 1/2 (0.480 mi.)	84	266
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IRVINE BUSINESS CENT Reg Id: 083001700T	16520 ASTON	S 1/4 - 1/2 (0.441 mi.)	N77	233

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 02/20/2018 has revealed that there are 8 HWP sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GEMINI IND INC EPA Id: CAD063132039 Cleanup Status: PROTECTIVE FILER	2311 S PULLMAN ST	NW 1/8 - 1/4 (0.149 mi.)	C37	63
SERVICE CHEMICAL SIT EPA Id: CAT000612333 Cleanup Status: CLOSED	1341 E MAYWOOD AVE	WNW 1/2 - 1 (0.757 mi.)	S96	485
MCKESSON CHEM CO EPA Id: CAD061601019 Cleanup Status: CLOSED	1302 INDUSTRIAL DR	NNE 1/2 - 1 (0.778 mi.)	T99	516
EMBEE PLATING	2144 S HATHAWAY ST	NW 1/2 - 1 (0.817 mi.)	U103	526

EXECUTIVE SUMMARY

EPA Id: CAD009659541
Cleanup Status: KNOWN GENERATORS

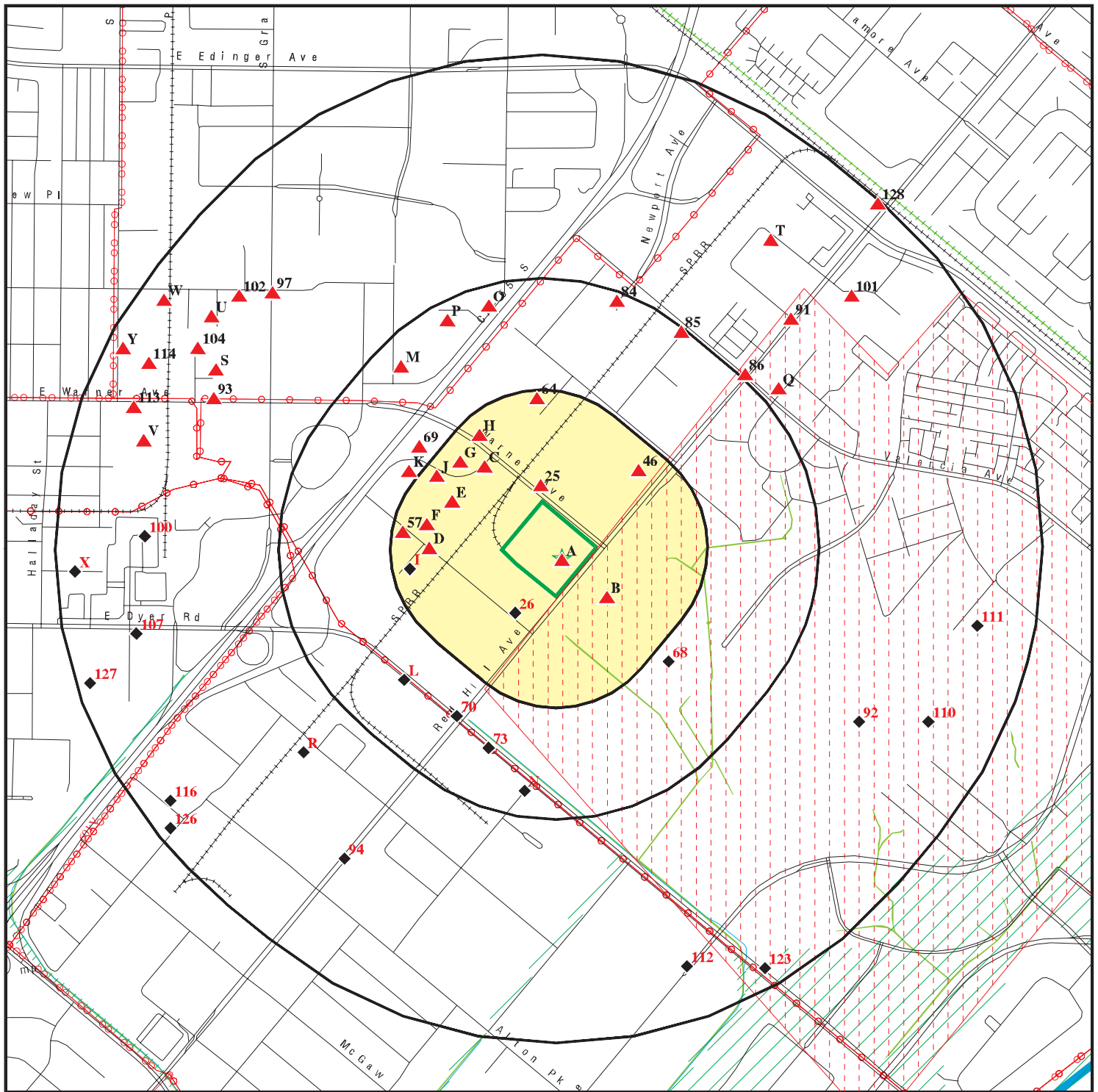
GALLADE CHEMICAL INC EPA Id: CAD029363876 Cleanup Status: CLOSED	1230 E SAINT GERTRUD	WNW 1/2 - 1 (0.928 mi.)	W115	666
---	-----------------------------	--------------------------------	-------------	------------

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
T R E METAL PROCESSI EPA Id: CAD000775726 Cleanup Status: PROTECTIVE FILER	1900 DEERE RD	SW 1/2 - 1 (0.634 mi.)	R90	450
CARETAKER SITE OFFIC EPA Id: CA9170090022 Cleanup Status: CLOSED	USMC AIR STATION (HE	E 1/2 - 1 (0.872 mi.)	111	654
SIXTH & VERMONT INVE EPA Id: CAD000819649 Cleanup Status: PROTECTIVE FILER	17091 DAIMLER ST	SW 1/2 - 1 (0.969 mi.)	126	743

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5341350.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

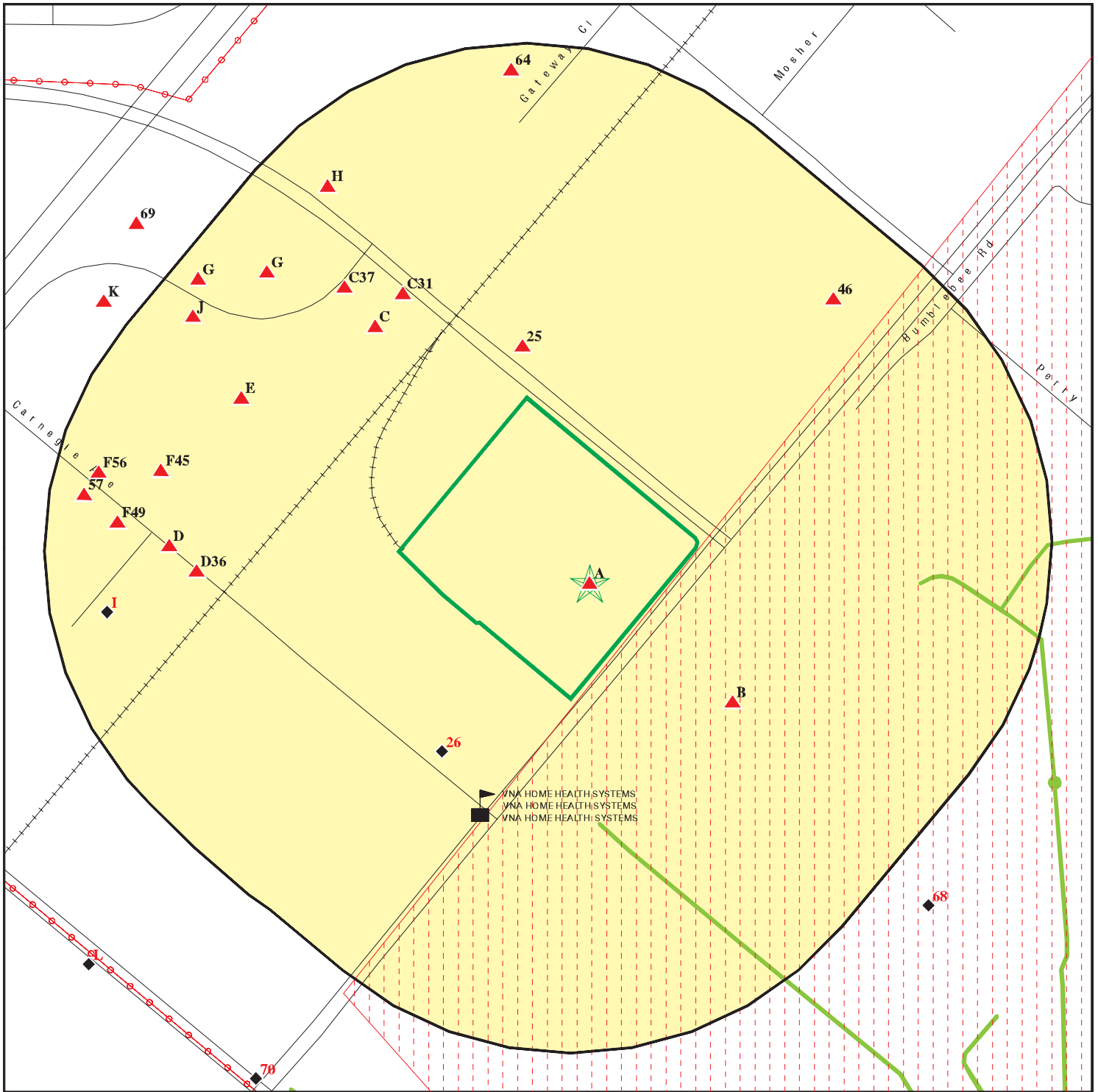
Areas of Concern

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

SITE NAME: Warner Red Hill
ADDRESS: 2320 Redhill
Santa Ana CA 92705
LAT/LONG: 33.710815 / 117.839249

CLIENT: Stantec
CONTACT: Alicia Jansen
INQUIRY #: 5341350.2s
DATE: June 22, 2018 3:25 pm

DETAIL MAP - 5341350.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

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: Warner Red Hill
ADDRESS: 2320 Redhill
Santa Ana CA 92705
LAT/LONG: 33.710815 / 117.839249

CLIENT: Stantec
CONTACT: Alicia Jansen
INQUIRY #: 5341350.2s
DATE: June 22, 2018 3:27 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	1	NR	NR	2
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	1	2	NR	NR	3
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	1	0	6	NR	7
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	1	0	NR	NR	1
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250	1	2	2	NR	NR	NR	5
RCRA-SQG	0.250		1	10	NR	NR	NR	11
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	3	NR	3
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	4	4	35	NR	43
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500	2	4	3	9	NR	NR	18

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		3	3	5	NR	NR	11
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	1	0	1	NR	NR	NR	2
AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	1	NR	NR	1
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	1	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250	1	1	3	NR	NR	NR	5
HIST UST	0.250	2	2	8	NR	NR	NR	12
CA FID UST	0.250	1	1	3	NR	NR	NR	5
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	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
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	3	NR	NR	NR	3
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		1	0	0	0	NR	1
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	6	NR	NR	NR	NR	NR	6
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	1	NR	NR	NR	NR	NR	1
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	1	NR	NR	NR	NR	NR	1
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
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	3	NR	NR	NR	NR	NR	3
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP	2	NR	NR	NR	NR	NR	2
ENF	TP	1	NR	NR	NR	NR	NR	1
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	2	NR	NR	NR	NR	NR	2
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500	2	1	1	5	NR	NR	9
HWP	1.000		0	1	0	7	NR	8
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	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
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP	1	NR	NR	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
CIWQS	TP	2	NR	NR	NR	NR	NR	2
MILITARY PRIV SITES	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

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	5	NR	NR	NR	NR	NR	5

- Totals --		36	16	48	27	52	0	179
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property
RICOH ELECTRONICS, INC.
2320 REDHILL AVE.
SANTA ANA, CA 92705

UST
TSCA
1000995100
N/A

Site 1 of 24 in cluster A

Actual:
60 ft.

UST:
Facility ID: 30-020-sa186
Permitting Agency: SANTA ANA, CITY OF
Latitude: 33.71077
Longitude: -117.83816

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

A2
Target
Property
RICOH ELECTRONICS, INC.
2320 S RED HILL AVE
SANTA ANA, CA 92705

LUST
S109284147
N/A

Site 2 of 24 in cluster A

Actual:
60 ft.

LUST:
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900440
Global Id: T0605900440
Latitude: 33.7102574293019
Longitude: -117.840321063995
Status: Completed - Case Closed
Status Date: 08/13/2010
Case Worker: CAB
RB Case Number: 083000552T
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: Other Solvent or Non-Petroleum Hydrocarbon, Diesel
Site History: In July 1986, leakage from piping associated with three USTs was detected. The USTs stored ISOPAR G (C10-C11) and H (C11-C12), which was used in the manufacture of toner. Based on the results of a soil gas survey, four soil borings were advanced at the site. TPH (C6-C8) were detected at a concentration ranging from 50 to 1000 ppm. Six groundwater monitoring wells and twenty groundwater well points were installed to characterize the groundwater. Groundwater was encountered at approximately 10 feet bgs and was found to flow to the south. Free product was detected up to 6.9 ft. In February 1988, FP recovery was initiated. On July 8, 1988 the Board issued Cleanup and Abatement Order CAO 88-78, requiring Ricoh to implement corrective measures and to establish waste discharge limits. In August 1988, Ricoh implement groundwater extraction and treatment. Up to 14,000 gallons per day were discharged to the local storm drain which discharged into San Diego Creek. In September 1992, Ricoh requested cessation of groundwater remediation because free product was no longer detected in the Isopar/groundwater recovery system. In a letter dated December 15, 1992, Regional Board staff denied the request due to the continued presence of free product in some groundwater monitoring wells and the lack of consistent groundwater monitoring. The recovery system reportedly operated until July 1998, when the three USTs were removed and replaced. In July through September 1998, the three USTs were removed and replaced by one

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC. (Continued)

S109284147

40,000-gallon Isopar UST. The UST area was reportedly excavated to a depth of 16 feet, approximately 100,000 gallons of groundwater from the excavation was treated and discharged, and ORC was placed in the backfill. Due to the continued detection of elevated concentration of TPH in the groundwater, a subsurface investigation was conducted in December 2000. Five soil borings were advanced to 17 to 20 feet and three grab groundwater samples were collected. TPH was detected at a concentration of up to 1.9 mg/kg in the soil samples and up to 8,000,000 ug/l TPH was detected in the groundwater. In January 2003, two confirmatory wells were installed at the site. TPH was detected at a concentration of up to 2.1 mg/l in the groundwater. In February 2003, a 24-hour two phase extraction test was conducted. Vapor influent concentrations peaked at 1,060 ppmv after 18 hours of operation. Approximately 13.5 lbs (2.1 gallons) of petroleum hydrocarbons were recovered. In April 2005, the TPH concentrations in the groundwater monitoring wells have reduced to 400 ug/l. As a result, Ricoh requested site closure. Final consideration of closure of the site was delayed due to the pending removal of the one remaining UST. In September 2006, the 40,000-gallon UST was removed. Two soil samples were collected each from under the UST and the dispenser. TPH (C13-C28) and TPHC29-40) were detected at a concentration of up to 360 ppm and 860 ppm, respectively. TPH (C13-C28) and TPHC29-40) were detected in groundwater samples collected from the excavation at a concentration of up to 530 ug/l and not detected, respectively.

LUST:

Global Id: T0605900440
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605900440
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

LUST:

Global Id: T0605900440
Action Type: ENFORCEMENT
Date: 07/23/2007
Action: Staff Letter

Global Id: T0605900440
Action Type: ENFORCEMENT
Date: 01/07/2009
Action: Meeting

Global Id: T0605900440

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC. (Continued)

S109284147

Action Type:	ENFORCEMENT
Date:	07/08/2009
Action:	Staff Letter
Global Id:	T0605900440
Action Type:	REMEDIATION
Date:	08/01/1998
Action:	Excavation
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	06/13/2006
Action:	Verbal Enforcement
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	07/01/2010
Action:	Staff Letter
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	07/22/2002
Action:	Staff Letter
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	03/10/2005
Action:	Meeting
Global Id:	T0605900440
Action Type:	REMEDIATION
Date:	07/01/1998
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	10/30/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605900440
Action Type:	REMEDIATION
Date:	08/01/2006
Action:	Excavation
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	12/08/2009
Action:	Verbal Enforcement
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	08/13/2010
Action:	Well Destruction Report
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	04/30/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC. (Continued)

S109284147

Action:	Monitoring Report - Quarterly
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	10/30/2007
Action:	Soil and Water Investigation Report
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	12/31/2009
Action:	Well Installation Report
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	04/01/2005
Action:	Soil and Water Investigation Workplan
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	01/30/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	05/11/2010
Action:	Staff Letter
Global Id:	T0605900440
Action Type:	REMEDIATION
Date:	01/01/1988
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	11/07/2006
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	12/25/2002
Action:	Well Installation Report
Global Id:	T0605900440
Action Type:	Other
Date:	07/20/1987
Action:	Leak Reported
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	08/21/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	01/30/2009
Action:	Meeting

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC. (Continued)

S109284147

Global Id:	T0605900440
Action Type:	RESPONSE
Date:	07/30/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	10/30/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	06/19/2003
Action:	Soil and Water Investigation Report
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	04/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	09/02/2008
Action:	Verbal Enforcement
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	09/29/2009
Action:	Site Visit / Inspection / Sampling
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	04/24/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	01/24/2007
Action:	Notification - Preclosure
Global Id:	T0605900440
Action Type:	ENFORCEMENT
Date:	08/13/2010
Action:	Closure/No Further Action Letter
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	09/19/2008
Action:	Correspondence
Global Id:	T0605900440
Action Type:	RESPONSE
Date:	03/14/2008
Action:	Correspondence
Global Id:	T0605900440
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC. (Continued)

S109284147

Date: 08/08/2008
Action: Meeting

Global Id: T0605900440
Action Type: REMEDIATION
Date: 01/01/1988
Action: Free Product Removal

LUST:

Global Id: T0605900440
Status: Open - Case Begin Date
Status Date: 07/20/1987

Global Id: T0605900440
Status: Open - Site Assessment
Status Date: 07/20/1987

Global Id: T0605900440
Status: Open - Remediation
Status Date: 12/14/1987

Global Id: T0605900440
Status: Open - Remediation
Status Date: 07/18/1988

Global Id: T0605900440
Status: Open - Verification Monitoring
Status Date: 07/15/1998

Global Id: T0605900440
Status: Open - Remediation
Status Date: 08/01/1998

Global Id: T0605900440
Status: Open - Verification Monitoring
Status Date: 09/15/1998

Global Id: T0605900440
Status: Open - Site Assessment
Status Date: 04/01/2005

Global Id: T0605900440
Status: Open - Remediation
Status Date: 09/01/2006

Global Id: T0605900440
Status: Open - Verification Monitoring
Status Date: 10/01/2006

Global Id: T0605900440
Status: Completed - Case Closed
Status Date: 08/13/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A3
Target
Property
RICOH ELECTRONICS, INC.
2310 RED HILL AVE
SANTA ANA, CA 92705

HIST UST **1000332577**
N/A

Site 3 of 24 in cluster A

Actual:
60 ft.

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000019673
Facility Type: Other
Other Type: Not reported
Contact Name: Not reported
Telephone: 7145568110
Owner Name: RICOH ELECTRONICS, INC.
Owner Address: 17482 PULLMAN STREET
Owner City,St,Zip: IRVINE, .I 714
Total Tanks: 0004

Tank Num: 001
Container Num: 1-B
Year Installed: 1979
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 1-A
Year Installed: 1979
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 1-D
Year Installed: 1983
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 1-C
Year Installed: 1979
Tank Capacity: 00030000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A4
Target
Property
3520 RB8
2320 REDHILL AVE
SANTA ANA, CA 92705

FINDS **1014671008**
N/A

Site 4 of 24 in cluster A

Actual:
60 ft.

FINDS:

Registry ID: 110043366381

Environmental Interest/Information System
LEAKING UNDERGROUND STORAGE TANK - ARRA

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

A5
Target
Property
RICOH ELECTRONICS INC
2320 REDHILL AVE
SANTA ANA, CA 92705

SWEEPS UST **1005931916**
TSCA **N/A**

Site 5 of 24 in cluster A

Actual:
60 ft.

SWEEPS UST:

Status: Active
Comp Number: 186
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-27-92
Action Date: 04-27-92
Created Date: 07-31-88
Owner Tank Id: 1-B
SWRCB Tank Id: 30-020-000186-000001
Tank Status: A
Capacity: 50000
Active Date: 04-27-92
Tank Use: PETROLEUM
STG: P
Content: HYDROTREATED
Number Of Tanks: 3

Status: Active
Comp Number: 186
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-27-92
Action Date: 04-27-92
Created Date: 07-31-88
Owner Tank Id: 1-A
SWRCB Tank Id: 30-020-000186-000002
Tank Status: A
Capacity: 50000
Active Date: 04-27-92
Tank Use: PETROLEUM
STG: P
Content: HYDROTREATED
Number Of Tanks: Not reported

Status: Active
Comp Number: 186

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

1005931916

Number: 1
Board Of Equalization: Not reported
Referral Date: 04-27-92
Action Date: 04-27-92
Created Date: 07-31-88
Owner Tank Id: 1-C
SWRCB Tank Id: 30-020-000186-000004
Tank Status: A
Capacity: 30000
Active Date: 04-27-92
Tank Use: PETROLEUM
STG: P
Content: HYDROTREATED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 186
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000186-000003
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 1

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

**A6
Target
Property**

**RICOH ELECTRONICS INC
2300-2310 RED HILL AV
SANTA ANA, CA**

**EMI S105939306
N/A**

Site 6 of 24 in cluster A

**Actual:
60 ft.**

EMI:
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 12949
Air District Name: SC
SIC Code: 3579
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: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 12
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S105939306

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 12949
Air District Name: SC
SIC Code: 3579
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: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 12949
Air District Name: SC
SIC Code: 5044
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: 21
Reactive Organic Gases Tons/Yr: 13
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

**A7
Target
Property**

**RICOH ELECTRONICS, INC.
2320 RED HILL AVE
SANTA ANA, CA**

**RGA LUST S114676938
N/A**

Site 7 of 24 in cluster A

**Actual:
60 ft.**

RGA LUST:

2007	RICOH ELECTRONICS, INC.	2320 RED HILL AVE
2006	RICOH ELECTRONICS, INC.	2320 RED HILL AVE
2005	RICOH ELECTRONICS, INC.	2320 RED HILL AVE
2003	RICOH ELECTRONICS, INC.	2320 RED HILL AVE
2001	RICOH ELECTRONICS, INC.	2320 RED HILL AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A8
Target
Property **RICOH ELECTRONICS INCORPORATED**
2320 REDHILL AVE.
SANTA ANA, CA 92705

TSCA **1016950994**
N/A

Site 8 of 24 in cluster A

Actual:
60 ft.

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

A9
Target
Property **RICOH ELECTRONICS, INC**
2320 RED HILL AVE
SANTA ANA, CA 92705

RCRA-LQG **1001075484**
CAD021229901

Site 9 of 24 in cluster A

Actual:
60 ft.

RCRA-LQG:

Date form received by agency: 06/25/2008

Facility name: RICOH ELECTRONICS, INC

Facility address: 2320 RED HILL AVE
SANTA ANA, CA 92705

EPA ID: CAD021229901

Mailing address: 1100 VALENCIA AVE
TUSTIN, CA 92780

Contact: JEFF J SIMKO

Contact address: Not reported

Contact address: Not reported

Contact country: US

Contact telephone: 714-566-2547

Contact email: JSIMKO@REI.RICOH.COM

EPA Region: 09

Land type: Private

Classification: Large Quantity Generator

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

Owner/Operator Summary:

Owner/operator name: RICOH ELECTRONICS INC

Owner/operator address: 1100 VALENCIA AVE
TUSTIN, CA 92680

Owner/operator country: Not reported

Owner/operator telephone: 714-566-2500

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: RICOH ELECTRONICS, INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1001075484

Owner/operator address: 1100 VALENCIA AVE
TUSTIN, CA 92780
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/31/1979
Owner/Op end date: Not reported

Owner/operator name: RICOH ELECTRONICS, INC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/31/1979
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

Historical Generators:

Date form received by agency: 10/12/2000
Site name: RICOH ELECTRONICS, INC. #901
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: RICOH ELECTRONICS, INC.
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1001075484

Date form received by agency: 09/01/1996
Site name: RICOH ELECTRONICS INC SPG
Classification: Small Quantity Generator

Date form received by agency: 09/01/1996
Site name: RICOH ELECTRONICS INC SPG
Classification: Large Quantity Generator

Date form received by agency: 02/28/1996
Site name: RICOH ELECTRONICS, INC.
Classification: Large Quantity Generator

Date form received by agency: 12/05/1995
Site name: RICOH ELECTRONICS INC SPG
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Site name: RICOH ELECTRONICS, INC
Classification: Large Quantity Generator

Date form received by agency: 02/27/1992
Site name: RICOH ELECTRONICS, INC.
Classification: Large Quantity Generator

Date form received by agency: 04/15/1990
Site name: RICOH ELECTRONICS, INC.
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 06/24/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/10/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/02/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/14/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

A10
Target
Property

RICOH ELECTRONICS, INC.
2320 RED HILL AVENUE, SOU
SANTA ANA, CA

RGA LUST **S114676934**
N/A

Site 10 of 24 in cluster A

Actual:
60 ft.

RGA LUST:

1995	RICOH ELECTRONICS, INC.	2320 RED HILL AVENUE, SOU
1993	RICOH ELECTRONICS, INC.	2320 RED HILL AVENUE, SOU

A11
Target
Property

RICOH ELECTRONICS, INC.
2320 S RED HILL AVE
SANTA ANA, CA

RGA LUST **S114676939**
N/A

Site 11 of 24 in cluster A

Actual:
60 ft.

RGA LUST:

2012	RICOH ELECTRONICS, INC.	2320 S RED HILL AVE
2011	RICOH ELECTRONICS, INC.	2320 S RED HILL AVE
2010	RICOH ELECTRONICS, INC.	2320 S RED HILL AVE
2009	RICOH ELECTRONICS, INC.	2320 S RED HILL AVE
2008	RICOH ELECTRONICS, INC.	2320 S RED HILL AVE

A12
Target
Property

RICOH ELECTRONICS INC
2320 REDHILL
SANTA ANA, CA 92705

TSCA **1005931915**
N/A

Site 12 of 24 in cluster A

Actual:
60 ft.

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

A13
Target
Property

GW CLEANUP-S.A., REDHILL
2320 REDHILL
SANTA ANA, CA 92705

ENF **S103617632**
HIST CORTESE **N/A**
CIWQS

Site 13 of 24 in cluster A

Actual:
60 ft.

ENF:

Region:	8
Facility Id:	228489
Agency Name:	Ricoh Electronics Inc
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.710802
Place Longitude:	-117.838104
SIC Code 1:	4959
SIC Desc 1:	Sanitary Services, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GW CLEANUP-S.A., REDHILL (Continued)

S103617632

NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0144
Threat To Water Quality:	3
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	8 302571001
Reg Measure Id:	205926
Reg Measure Type:	Enrollee
Region:	8
Order #:	96-018
Npdes# CA#:	CAG918001
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	02/10/1989
Effective Date:	02/10/1989
Expiration/Review Date:	Not reported
Termination Date:	01/22/2002
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	223503
Region:	8
Order / Resolution Number:	88-078
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	07/08/1988
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/01/2007
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	CAO 88-78

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GW CLEANUP-S.A., REDHILL (Continued)

S103617632

Description: GW CLEANUP
Program: NPDNONMUNIPRCS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: \$0.00
Initial Assessed Amount: \$0.00
Liability \$ Amount: \$0.00
Project \$ Amount: \$0.00
Liability \$ Paid: \$0.00
Project \$ Completed: \$0.00
Total \$ Paid/Completed Amount: \$0.00

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: WBC&D
Reg Id: 8 302571001

CIWQS:

Agency: Ricoh Electronics Inc
Agency Address: 1100 Valencia Avenue, Tustin, CA 92780
Place/Project Type: Other
SIC/NAICS: 4959
Region: 8
Program: NPDESWW, NPDNONMUNIPRCS
Regulatory Measure Status: Historical
Regulatory Measure Type: Enrollee
Order Number: 96-018
WDID: 8 302571001
NPDES Number: CAG918001
Adoption Date: Not reported
Effective Date: 02/10/1989
Termination Date: 01/22/2002
Expiration/Review Date: Not reported
Design Flow: 0.0144
Major/Minor: Minor
Complexity: A
TTWQ: 3
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.710802
Longitude: -117.838104

**A14
Target
Property**

**RICOH ELECTRONICS INC
2320 RED HILL AVE
SANTA ANA, CA 92705**

**TSCA 1005931914
FTTS N/A
HIST FTTS**

Site 14 of 24 in cluster A

**Actual:
60 ft.**

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

FTTS INSP:

Inspection Number: 19991111T01CA 1
Region: 09
Inspection Date: 11/11/99
Inspector: MCOERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

1005931914

Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:

Inspection Number: 19991111T01CA 1
Region: 09
Inspection Date: Not reported
Inspector: MCOERS
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

**A15
Target
Property**

**RICOH ELECTRONICS - SANTA ANA
2320 REDHILL AVE.
SANTA ANA, CA 92705**

**TSCA 1014200484
N/A**

Site 15 of 24 in cluster A

**Actual:
60 ft.**

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

**A16
Target
Property**

**RICOH ELECTRONICS INC
2310 REDHILL AVENUE
SANTA ANA, CA 92705**

**HIST UST S118414669
N/A**

Site 16 of 24 in cluster A

**Actual:
60 ft.**

HIST UST:

File Number: 0002ED39
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ED39.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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S118414669

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

**A17
Target
Property**

**SOUTHERN CALIFORNIA EDISON
2320 RED HILL AVE
SANTA ANA, CA 92705**

**HAZNET S113777939
N/A**

Site 17 of 24 in cluster A

**Actual:
60 ft.**

HAZNET:
envid: S113777939
Year: 2012
GEPAID: CAC002691380
Contact: SARA DUVALL
Telephone: 6264628714
Mailing Name: Not reported
Mailing Address: PO BOX 800
Mailing City,St,Zip: ROSEMEAD, CA 91770
Gen County: Orange
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 1.71
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

**A18
Target
Property**

**RICOH ELECTRONICS, INC.
2320 RED HILL AVENUE
SANTA ANA, CA**

**RGA LUST S114676936
N/A**

Site 18 of 24 in cluster A

**Actual:
60 ft.**

RGA LUST:
1992 RICOH ELECTRONICS, INC. 2320 RED HILL AVENUE

**A19
Target
Property**

**RICOH ELECTONICS, INC.
2320 RED HILL AVENUE
SANTA ANA, CA 92705**

**ECHO 1024079625
N/A**

Site 19 of 24 in cluster A

**Actual:
60 ft.**

ECHO:
Envid: 1024079625
Registry ID: 110000480578
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000480578>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A20
Target
Property

RICOH ELECTRONICS INC
2320 REDHILL AVE
SANTA ANA, CA 92705

Site 20 of 24 in cluster A

Actual:
60 ft.

LUST
CA FID UST
EMI
HIST CORTESE
NPDES
WDS
CIWQS

S101589663
N/A

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Post remedial action monitoring
Case Number:	083000552T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Hydrocarbons
Qty Leaked:	Not reported
Abate Method:	FPGT
Cross Street:	WARNER
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605900440
How Stopped Date:	Not reported
Enter Date:	7/20/1987
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	2/10/1989
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	7/20/1987
Date Remediation Plan Submitted:	12/14/1987
Date Remedial Action Underway:	8/1/1998
Date Post Remedial Action Monitoring:	9/15/1998
Enter Date:	7/20/1987
GW Qualifies:	<
Soil Qualifies:	ND
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7109649
Longitude:	-117.8381017
MTBE Date:	6/12/2000
Max MTBE GW:	100
MTBE Concentration:	4
Max MTBE Soil:	0
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	C
Staff:	CAB
Staff Initials:	JB
Lead Agency:	Regional Board
Local Agency:	Santa Ana, Orange County

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: 9/20/90- ISOPAR IS BEING REMOVED THROUGH AN OIL/WATER SEPARATOR. WATER IS BEING TREATED THROUGH ACTIVATED CARBON.6/7/96 - INSPECTION OF GW TREAT SYS. RICOH WILL BE SUBMITTING CLOSURE REQUEST.

CA FID UST:

Facility ID: 30017800
Regulated By: UTNKA
Regulated ID: 00019673
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7142507740
Mail To: Not reported
Mailing Address: 2320 REDHILL AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92705
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 3579
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: 13
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 5044
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: 13

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 6
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 5044
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: 11
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 9
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2679
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: 8
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 8
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2679
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: 8
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 8
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2679
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: 8
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 8
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2679
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: 8
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 8
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2679
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: 3
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2002
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2672

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

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: 2
NOX - Oxides of Nitrogen Tons/Yr: 6
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2672
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: 2
NOX - Oxides of Nitrogen Tons/Yr: 6
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2004
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2672
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: 0.92396
Reactive Organic Gases Tons/Yr: 0.52
Carbon Monoxide Emissions Tons/Yr: 1.804
NOX - Oxides of Nitrogen Tons/Yr: 5.65
SOX - Oxides of Sulphur Tons/Yr: 0.03427
Particulate Matter Tons/Yr: 0.3522
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.36

Year: 2005
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2672
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: .4251
Reactive Organic Gases Tons/Yr: .21928146
Carbon Monoxide Emissions Tons/Yr: 1.943

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

NOX - Oxides of Nitrogen Tons/Yr: 2.381
SOX - Oxides of Sulphur Tons/Yr: .02997
Particulate Matter Tons/Yr: .446
Part. Matter 10 Micrometers and Smllr Tons/Yr: .439

Year: 2006
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2672
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: 1.109384551065532448
Reactive Organic Gases Tons/Yr: .536
Carbon Monoxide Emissions Tons/Yr: 1.952
NOX - Oxides of Nitrogen Tons/Yr: 2.54
SOX - Oxides of Sulphur Tons/Yr: .03
Particulate Matter Tons/Yr: .454
Part. Matter 10 Micrometers and Smllr Tons/Yr: .4457

Year: 2007
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2672
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: 1.109384551065532448
Reactive Organic Gases Tons/Yr: .536
Carbon Monoxide Emissions Tons/Yr: 1.952
NOX - Oxides of Nitrogen Tons/Yr: 2.54
SOX - Oxides of Sulphur Tons/Yr: .03
Particulate Matter Tons/Yr: .454
Part. Matter 10 Micrometers and Smllr Tons/Yr: .4457

Year: 2008
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 3861
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: .8728099553956888927
Reactive Organic Gases Tons/Yr: .39413175
Carbon Monoxide Emissions Tons/Yr: 1.98
NOX - Oxides of Nitrogen Tons/Yr: 2.82
SOX - Oxides of Sulphur Tons/Yr: .02273
Particulate Matter Tons/Yr: .40375
Part. Matter 10 Micrometers and Smllr Tons/Yr: .39097

Year: 2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 3861
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: 0.88546306889341997
Reactive Organic Gases Tons/Yr: 0.40532000000000001
Carbon Monoxide Emissions Tons/Yr: 1.98
NOX - Oxides of Nitrogen Tons/Yr: 2.73
SOX - Oxides of Sulphur Tons/Yr: 2.2249999999999999E-2
Particulate Matter Tons/Yr: 0.38936999999999999
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.38681826000000002

Year: 2010
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 3861
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: 1.1443309792660701
Reactive Organic Gases Tons/Yr: 0.51683999999999997
Carbon Monoxide Emissions Tons/Yr: 2.4399099999999998
NOX - Oxides of Nitrogen Tons/Yr: 3.5523799999999999
SOX - Oxides of Sulphur Tons/Yr: 3.8949999999999999E-2
Particulate Matter Tons/Yr: 0.48741000000000001
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.48741000000000001

Year: 2011
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 3861
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: 7.3023932367
Reactive Organic Gases Tons/Yr: 6.1777
Carbon Monoxide Emissions Tons/Yr: 4.09552
NOX - Oxides of Nitrogen Tons/Yr: 5.02043
SOX - Oxides of Sulphur Tons/Yr: 0.03793
Particulate Matter Tons/Yr: 0.48012
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.47918

Year: 2012
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 8.3548931452
Reactive Organic Gases Tons/Yr: 6.94913136
Carbon Monoxide Emissions Tons/Yr: 3.82525679
NOX - Oxides of Nitrogen Tons/Yr: 4.01949656
SOX - Oxides of Sulphur Tons/Yr: 0.039840116
Particulate Matter Tons/Yr: 0.50334146
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.50228646

Year: 2013
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2672
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: 6.1319049191
Reactive Organic Gases Tons/Yr: 5.05976
Carbon Monoxide Emissions Tons/Yr: 2.90534
NOX - Oxides of Nitrogen Tons/Yr: 2.62648
SOX - Oxides of Sulphur Tons/Yr: 0.0319
Particulate Matter Tons/Yr: 0.40264
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.40187

Year: 2014
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2672
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: 1.6573779356
Reactive Organic Gases Tons/Yr: 1.30445
Carbon Monoxide Emissions Tons/Yr: 0.25017
NOX - Oxides of Nitrogen Tons/Yr: 0.48583
SOX - Oxides of Sulphur Tons/Yr: 0.00424
Particulate Matter Tons/Yr: 0.05313
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.05313

Year: 2015
County Code: 30
Air Basin: SC
Facility ID: 61722
Air District Name: SC
SIC Code: 2672
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: 1.2175475485
Reactive Organic Gases Tons/Yr: 0.854580005
Carbon Monoxide Emissions Tons/Yr: 0.159359025
NOX - Oxides of Nitrogen Tons/Yr: 0.39775495

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

SOX - Oxides of Sulphur Tons/Yr: 0.002731869
Particulate Matter Tons/Yr: 0.034148363
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.034148363

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000552T

NPDES:

Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 8
Regulatory Measure Id: 208292
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 30I002558
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/01/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Ricoh Electronics Inc
Discharge Address: 1100 Valencia Ave
Discharge City: Tustin
Discharge State: California
Discharge Zip: 92780
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: Not reported
OPERATOR NAME: Not reported
OPERATOR ADDRESS: Not reported
OPERATOR CITY: Not reported
OPERATOR STATE: Not reported
OPERATOR ZIP: Not reported
OPERATOR CONTACT NAME: Not reported
OPERATOR CONTACT TITLE: Not reported
OPERATOR CONTACT PHONE: Not reported
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: Not reported
OPERATOR TYPE: Not reported
DEVELOPER NAME: Not reported
DEVELOPER ADDRESS: Not reported
DEVELOPER CITY: Not reported
DEVELOPER STATE: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	208292
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30I002558
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	04/01/1992
STATUS CODE NAME:	Active
STATUS DATE:	11/12/2014
PLACE SIZE:	14
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Joseph Andre

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

FACILITY CONTACT TITLE:	Environmental Engineer
FACILITY CONTACT PHONE:	714-566-2627
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	jandre@rei.ricoh.com
OPERATOR NAME:	Ricoh Electronics Inc
OPERATOR ADDRESS:	1100 Valencia Ave
OPERATOR CITY:	Tustin
OPERATOR STATE:	California
OPERATOR ZIP:	92780
OPERATOR CONTACT NAME:	Joseph Andre
OPERATOR CONTACT TITLE:	Environmental Engineer
OPERATOR CONTACT PHONE:	714-566-2627
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	jandre@rei.ricoh.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	714-270-2432
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Y
RECEIVING WATER NAME:	San Diego Creek
CERTIFIER NAME:	Joseph Andre
CERTIFIER TITLE:	Environmental Engineer
CERTIFICATION DATE:	01-APR-15
PRIMARY SIC:	2672-Coated and Laminated Paper, NEC
SECONDARY SIC:	3861-Photographic Equipment and Supplies
TERTIARY SIC:	Not reported

WDS:

Facility ID:	Santa Ana River 30I002558
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 8

Facility Telephone: 7145662541

Facility Contact: MARGARET MILLER

Agency Name: RICOH ELECTRONICS INC.

Agency Address: 1100 VALENCIA AVENUE

Agency City,St,Zip: TUSTIN 92675

Agency Contact: BRENT WILLIAMS

Agency Telephone: 7145662547

Agency Type: Private

SIC Code: 0

SIC Code 2: Not reported

Primary Waste Type: Not reported

Primary Waste: Not reported

Waste Type2: Not reported

Waste2: Not reported

Primary Waste Type: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Agency: Ricoh Electronics Inc

Agency Address: 1100 Valencia Ave, Tustin, CA 92780

Place/Project Type: Industrial - Coated and Laminated Paper, NEC

SIC/NAICS: Multiple

Region: 8

Program: INDSTW

Regulatory Measure Status: Active

Regulatory Measure Type: Storm water industrial

Order Number: 2014-0057-DWQ

WDID: 8 30I002558

NPDES Number: CAS000001

Adoption Date: Not reported

Effective Date: 04/01/1992

Termination Date: Not reported

Expiration/Review Date: Not reported

Design Flow: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INC (Continued)

S101589663

Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.71078
Longitude: -117.83809

A21
Target
Property

GW CLEANUP-S.A.NAREDHILL
2320 REDHILL
SANTA ANA, CA 92705

FINDS **1023306844**
N/A

Site 21 of 24 in cluster A

Actual:
60 ft.

FINDS:

Registry ID: 110065993768

Environmental Interest/Information System
STATE MASTER

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

A22
Target
Property

RICOH ELECTRONICS INCORPORATED
2320 REDHILL AVE.
SANTA ANA, CA 92705

FINDS **1016112207**
N/A

Site 22 of 24 in cluster A

Actual:
60 ft.

FINDS:

Registry ID: 110000480578

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the
Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the
Toxic Substances Control Act (TSCA). The system tracks inspections in
regions and states with cooperative agreements, enforcement actions,
and settlements.

TSCA SUBMITTER

US EPA TRIS (Toxics Release Inventory System) contains information
from facilities on the amounts of over 300 listed toxic chemicals that
these facilities release directly to air, water, land, or that are
transported off-site.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)
provides California with information on hazardous waste shipments for
generators, transporters, and treatment, storage, and disposal
facilities.

US National Pollutant Discharge Elimination System (NPDES) module of
the Compliance Information System (ICIS) tracks surface water permits

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS INCORPORATED (Continued)

1016112207

issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

HAZARDOUS AIR POLLUTANT MAJOR

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.

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

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

**A23
Target
Property**

**RICOH ELECTRONIC
2300-2320 REDHILL AVE
SANTA ANA, CA 92705**

**HAZNET S113000049
N/A**

Site 23 of 24 in cluster A

**Actual:
60 ft.**

HAZNET:

envid: S113000049
Year: 2016
GEPAID: CAD021229901
Contact: JOE ANDRE
Telephone: 7145662627
Mailing Name: Not reported
Mailing Address: 1100 VALENCIA AVE
Mailing City,St,Zip: TUSTIN, CA 927806428
Gen County: Orange
TSD EPA ID: CAT000613976
TSD County: Orange
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.3906
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Orange

envid: S113000049
Year: 2016
GEPAID: CAD021229901
Contact: JOE ANDRE
Telephone: 7145662627
Mailing Name: Not reported
Mailing Address: 1100 VALENCIA AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONIC (Continued)

S113000049

Mailing City,St,Zip: TUSTIN, CA 927806428
Gen County: Orange
TSD EPA ID: TND000772186
TSD County: 99
Waste Category: Adhesives
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 2.10675
Cat Decode: Adhesives
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Orange

envid: S113000049
Year: 2015
GEPAID: CAD021229901
Contact: JOE ANDRE
Telephone: 7145662627
Mailing Name: Not reported
Mailing Address: 1100 VALENCIA AVE
Mailing City,St,Zip: TUSTIN, CA 927806428
Gen County: Orange
TSD EPA ID: CAT000613976
TSD County: Orange
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.3528
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: S113000049
Year: 2015
GEPAID: CAD021229901
Contact: JOE ANDRE
Telephone: 7145662627
Mailing Name: Not reported
Mailing Address: 1100 VALENCIA AVE
Mailing City,St,Zip: TUSTIN, CA 927806428
Gen County: Orange
TSD EPA ID: TND000772186
TSD County: 99
Waste Category: Adhesives
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 3.375
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: S113000049
Year: 2014
GEPAID: CAD021229901
Contact: ERIC CHAN, ENVIRONMENTAL ENGR
Telephone: 7145662627
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONIC (Continued)

S113000049

Mailing Address: 1100 VALENCIA AVE
Mailing City,St,Zip: TUSTIN, CA 927806428
Gen County: Orange
TSD EPA ID: TND000772186
TSD County: 99
Waste Category: Adhesives
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 1.4587
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

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

**A24
Target
Property**

**RICOH ELECTRONICS, INC.
2320 RED HILL AVENUE, SOUTH
SANTA ANA, CA**

**RGA LUST S114676935
N/A**

Site 24 of 24 in cluster A

**Actual:
60 ft.**

RGA LUST:

1998	RICOH ELECTRONICS, INC.	2320 RED HILL AVENUE, SOUTH
1997	RICOH ELECTRONICS, INC.	2320 RED HILL AVENUE, SOUTH
1996	RICOH ELECTRONICS, INC.	2320 RED HILL AVENUE, SOUTH
1994	RICOH ELECTRONICS, INC.	2320 RED HILL AVENUE, SOUTH

**DOD
Region
SE
< 1/8
10 ft.**

TUSTIN MARINE CORPS AIR STATION (CLOSED)

**DOD CUSA143892
N/A**

TUSTIN MARINE CORPS AIR S (County), CA

DOD:

Feature 1: Marine Corps DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Tustin Marine Corps Air Station (Closed)
Name 2: Not reported
Name 3: Not reported
State: CA
DOD Site: Yes
Tile name: CAORANGE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

25
NNW
< 1/8
0.037 mi.
195 ft.

GOODWILL INDUSTRIES OF ORANGE COUNTY DISTRIBUTION
1231 WARNER AVE
TUSTIN, CA 92780

RCRA-LQG **1018273831**
FINDS **CAR000260406**
ECHO

Relative:
Higher

Actual:
64 ft.

RCRA-LQG:

Date form received by agency: 03/14/2016
Facility name: GOODWILL INDUSTRIES OF ORANGE COUNTY DISTRIBUTION CENTER
Facility address: 1231 WARNER AVE
TUSTIN, CA 92780
EPA ID: CAR000260406
Mailing address: N FAIRVIEW ST
SANTA ANA, CA 92703
Contact: ARNEL AGUSTIN
Contact address: N FAIRVIEW ST
SANTA ANA, CA 92703
Contact country: US
Contact telephone: 714-547-6308
Telephone ext.: 237
Contact email: ARNELA@OCGOODWILL.ORG
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: GOODWILL INDUSTRIES OF ORANGE COUNTY
Owner/operator address: N FAIRVIEW ST
SANTA ANA, CA 92703
Owner/operator country: US
Owner/operator telephone: 714-547-6308
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/25/2015
Owner/Op end date: Not reported

Owner/operator name: GOODWILL INDUSTRIES OF ORANGE COUNTY
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODWILL INDUSTRIES OF ORANGE COUNTY DISTRIBUTION CENTER (Continued)

1018273831

Owner/Operator Type: Operator
Owner/Op start date: 06/25/2015
Owner/Op end date: Not reported

Handler Activities Summary:

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

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 123
. Waste name: Unspecified alkaline solution

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 211
. Waste name: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 223

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODWILL INDUSTRIES OF ORANGE COUNTY DISTRIBUTION CENTER (Continued)

1018273831

- . Waste name: Unspecified oil-containing waste
- . Waste code: 232
- . Waste name: Pesticides and other waste associated with pesticide production
- . Waste code: 261
- . Waste name: Polychlorinated biphenyls and material containing PCB's
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 512
- . Waste name: Other empty containers 30 gallons or more
- . Waste code: 612
- . Waste name: Household waste
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE
- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
- . Waste code: U112
- . Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

Violation Status: No violations found

FINDS:

Registry ID: 110067711658

Environmental Interest/Information System

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

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

ECHO:

Envid: 1018273831
Registry ID: 110067711658
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067711658>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

26
SW
< 1/8
0.087 mi.
457 ft.

BRASSTECH - CARNEGIE
2001 CARNEGIE AVE
SANTA ANA, CA 92705

RCRA-LQG

1010561972
CAR000185298

Relative:
Lower

RCRA-LQG:

Actual:
56 ft.

Date form received by agency: 01/25/2016
Facility name: BRASSTECH - CARNEGIE
Facility address: 2001 CARNEGIE AVE
SANTA ANA, CA 92705
EPA ID: CAR000185298
Mailing address: CARNEGIE AVE
SANTA ANA, CA 92705
Contact: RICARDO J GUTIERREZ
Contact address: CARNEGIE AVE
SANTA ANA, CA 92705
Contact country: US
Contact telephone: 949-417-5207
Telephone ext.: 3678
Contact email: RGUTIERREZ@BRASSTECH.COM
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: BRASSTECH INC.
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/30/2001
Owner/Op end date: Not reported
Owner/operator name: JAYDEE ENTERPRISES
Owner/operator address: PO BOX 51789
LOS ANGELES, CA 90051
Owner/operator country: US
Owner/operator telephone: 310-476-5633
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRASSTECH - CARNEGIE (Continued)

1010561972

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/17/1977
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 172
. Waste name: Metal dust (see 121) and machining waste

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 281
. Waste name: Adhesives

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRASSTECH - CARNEGIE (Continued)

1010561972

- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

Historical Generators:

Date form received by agency: 03/01/2014
Site name: BRASSTECH, INC - CARNEGIE
Classification: Large Quantity Generator

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D008
- . Waste name: LEAD

Date form received by agency: 02/28/2008
Site name: BRASSTECH INC - CARNEGIE
Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D008
- . Waste name: LEAD

Date form received by agency: 06/22/2007
Site name: BRASSTECH INC
Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D008
- . Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 474

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRASSTECH - CARNEGIE (Continued)

1010561972

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 27968

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 300

Waste code: D008
Waste name: LEAD
Amount (Lbs): 2962

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 40

Waste code: U002
Waste name: ACETONE (I)
Amount (Lbs): 434

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/23/2011
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/13/2009
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/25/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRASSTECH - CARNEGIE (Continued)

1010561972

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/09/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/23/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/13/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

B27
SE
< 1/8
0.089 mi.
470 ft.

USMCAF TUSTIN
N/A REDHILL & BARRANCA
TUSTIN, CA
Site 1 of 4 in cluster B

CPS-SLIC S108985910
N/A

Relative:
Higher
Actual:
60 ft.

SLIC REG 8:
Type: Soil and Groundwater
Facility Status: Additional Characterization Underway
Staff: PAH
Substance: SOLVENT,FUEL
Lead Agency: Department of Toxic Substance Control
Location Code: T-4
Thomas Bros Code: Not reported

B28
SE
< 1/8
0.089 mi.
470 ft.

VESTAR - MCAS TUSTIN
PARCEL 12
TUSTIN, CA
Site 2 of 4 in cluster B

CPS-SLIC S108985907
N/A

Relative:
Higher
Actual:
60 ft.

SLIC REG 8:
Type: Soil
Facility Status: Post-Investigation/Remediation Monitoring
Staff: PAH
Substance: FUEL, TPH
Lead Agency: Regional Board
Location Code: Not reported
Thomas Bros Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

B29 SE < 1/8 0.089 mi. 470 ft.	VESTAR - THE DISTRICT AT TUSTIN LEGACY (FORMER MCA JAMBOREE TUSTIN, CA 92710) Site 3 of 4 in cluster B	CPS-SLIC	S109521508 N/A
--	---	-----------------	---------------------------------

Relative:
Higher

Actual:
60 ft.

CPS-SLIC:

Region:

STATE

Facility Status:

Completed - Case Closed

Status Date:

03/20/2009

Global Id:

SL0605928683

Lead Agency:

SANTA ANA RWQCB (REGION 8)

Lead Agency Case Number:

Not reported

Latitude:

33.6996

Longitude:

-117.8251

Case Type:

Cleanup Program Site

Case Worker:

PAH

Local Agency:

Not reported

RB Case Number:

Not reported

File Location:

Regional Board

Potential Media Affected:

Soil

Potential Contaminants of Concern:

Waste Oil / Motor / Hydraulic / Lubricating

Site History:

The District at Tustin Legacy retail shopping development consists of approximately 110 acres, which were once a part of the Marine Corps Air Station (MCAS) Tustins property. The Marines ceased operations at the MCAS Tustin in July 1999. The Navy is still conducting activities to remediate groundwater contamination in several areas of the former MCAS Tustin property. Portions of The District overlie two of the Navys Installation Restoration Program (IRP) sites, IRP-5S(a) and IRP-6. Tarmac Area In 2005, during demolition of pavement, a hydrocarbon odor was noticed in the soil and three stained areas were observed. Soil samples were collected from the three stained areas at the surface and below the surface at each location. A total of six samples were analyzed for jet fuel, total petroleum hydrocarbons (motor oil range), and metals. Motor oil and jet fuel were detected at a maximum of 150 milligrams/kilogram (mg/kg) and 1,700 mg/kg, respectively. The following chemicals were detected in two of the surface samples: tert-butybenzene, 1,2,4-trimethylbenzene, p-isopropyltoluene, naphthalene, toluene and xylene. The soil was excavated and confirmation soil samples were collected. The analytical results of the confirmation soil samples showed only low concentrations of petroleum hydrocarbons, which did not pose a significant threat to water quality. On June 27, 2006, RWQCB-8 sent a letter stating that we would not require any further remediation at the Tarmac area. Former Vault Area Oil-stained soil was observed during removal of a vault near former MCAS Tustin Building 251. Soil samples were collected in September 2005 from three locations, between depths of 3 and 6 feet below the surface. The samples were analyzed for CAM 17 metals, polychlorinated biphenyls (PCBs), total recoverable petroleum hydrocarbons (TRPH), and total petroleum hydrocarbons (TPH). Petroleum hydrocarbons were detected in three of the soil samples, and ranged from 38 to 1,200 mg/kg. The impacted soil was excavated, and confirmation soil samples were collected from the bottom and the sidewalls of the excavation. The samples were analyzed for TPH, volatile organic compounds (VOCs), and CAM 17 metals. A grab groundwater sample was also collected from the bottom of the excavation. The groundwater sample was analyzed for TPH and VOCs. Petroleum hydrocarbons and VOCs were not detected in the soil samples or the water sample. On October 30, 2006, RWQCB -8 sent an

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VESTAR - THE DISTRICT AT TUSTIN LEGACY (FORMER MCAS TUSTIN), (Continued)

S109521508

email to the contactor stating that we would not be requiring any further excavation and sampling at the Vault Area. Box Culvert Installation A trench was excavated and a box culvert was installed along Warner Avenue, between Park Avenue and Tustin Ranch Road. This project was constructed in the area overlying a portion of the trichloroethylene (TCE) groundwater plume, emanating from former MCAS Tustin site IRP-5S(a). The excavated soils were stockpiled, and soil samples were collected. The samples were analyzed for VOCs. There were no VOCs detected in the soil samples, and our staff gave approval (via email) for onsite reuse of the excavated soil. Construction of Park Avenue, Installation of Underground Utilities, and the Costco Gas Station within and outside of Navy property Underground utilities were installed along Park Avenue, which was built through the Navys property known as CO-2, and across the former MCAS Tustins IRP Site 6. The groundwater beneath IRP-6 contains 1,1-dichloroethene (1,1-DCE) and TCE. In addition, a sewer line was installed north of Park Avenue within CO-2. The Costco Gas Station construction included excavation for the installation of underground storage tanks, pipelines and other utilities. At each of these project sites, the excavated soil was stockpiled, and soil samples were collected and submitted for analysis of VOCs. There were no VOCs detected in the soil samples.

[Click here to access the California GeoTracker records for this facility:](#)

B30
SE
< 1/8
0.089 mi.
470 ft.

USMCAS TUSTIN UST 32
USMCAS TUSTIN
TUSTIN, CA
Site 4 of 4 in cluster B

LUST S105624568
N/A

Relative:
Higher
Actual:
60 ft.

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083003895T
Local Case Num: Not reported
Case Type: Soil only
Substance: 2
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: OM
How Stopped: Close Tank
Leak Cause: UNK
Leak Source: UNK
Global ID: T0605927252
How Stopped Date: 4/25/1996
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 4/24/1996
Enforcement Date: Not reported
Close Date: 5/11/1997
Date Prelim Assessment Workplan Submitted: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMCAS TUSTIN UST 32 (Continued)

S105624568

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:	DOD
Latitude:	33.71013795
Longitude:	117.8263669
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:	PAH
Staff Initials:	AR
Lead Agency:	Regional Board
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

C31
NNW
< 1/8
0.114 mi.
604 ft.

DUTRO, WAYNE
1522 WARNER AVE
SANTA ANA, CA 92704

LUST **S106784802**
N/A

Relative:
Higher

Actual:
65 ft.

Site 1 of 6 in cluster C

LUST REG 8:	
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000856T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	EDET
Cross Street:	GRAND
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Overfill
Leak Source:	UNK
Global ID:	T0605900677
How Stopped Date:	9/15/1987
Enter Date:	5/10/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUTRO, WAYNE (Continued)

S106784802

Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	9/15/1987
Enforcement Date:	Not reported
Close Date:	2/2/1999
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	5/10/1988
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	5/10/1988
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	LUST
Latitude:	33.7164853
Longitude:	-117.8893311
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:	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

C32
NW
< 1/8
0.115 mi.
605 ft.

GSX OF ORANGE COUNTY
1830 E WARNER AVE
SANTA ANA, CA 92705

Site 2 of 6 in cluster C

RCRA-SQG 1000125472
FINDS CAD981162431
ECHO

Relative:
Higher

RCRA-SQG:

Actual:
64 ft.

Date form received by agency: 09/01/1996
Facility name: GSX OF ORANGE COUNTY
Facility address: 1830 E WARNER AVE
SANTA ANA, CA 92705
EPA ID: CAD981162431
Mailing address: E WARNER AVE
SANTA ANA, CA 92705
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GSX OF ORANGE COUNTY (Continued)

1000125472

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

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

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002679085

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GSX OF ORANGE COUNTY (Continued)

1000125472

Environmental Interest/Information System

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

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

ECHO:

Envid: 1000125472
Registry ID: 110002679085
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002679085>

**C33
NW
< 1/8
0.115 mi.
605 ft.**

**LAIDLAW
1830 WARNER AVE
SANTA ANA, CA 92705

Site 3 of 6 in cluster C**

**LUST S102360264
HIST CORTESE N/A**

**Relative:
Higher**

LUST REG 8:

**Actual:
64 ft.**

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001740T
Local Case Num: Not reported
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Cross Street: PULLMAN
Enf Type: Not reported
Funding: Not reported
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: Tank
Global ID: T0605901310
How Stopped Date: 10/20/1990
Enter Date: 1/12/1991
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 10/10/1990
Enforcement Date: Not reported
Close Date: 6/1/1991
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: 1/12/1991
GW Qualifies: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAIDLAW (Continued)

S102360264

Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7141637
Longitude:	-117.8425688
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:	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:	DTW = 30FT.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001740T

C34
NW
< 1/8
0.115 mi.
605 ft.

MILO EQUIPMENT CORPORATION
1830 E WARNER AVE
SANTA ANA, CA 92706

Site 4 of 6 in cluster C

LUST
SWEEPS UST
HIST UST
CA FID UST
EMI

S101619810
N/A

Relative:
Higher
Actual:
64 ft.

LUST:

Lead Agency:	SANTA ANA, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901310
Global Id:	T0605901310
Latitude:	33.713329
Longitude:	-117.841794
Status:	Completed - Case Closed
Status Date:	06/01/1991
Case Worker:	CC
RB Case Number:	083001740T
Local Agency:	SANTA ANA, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0605901310
Contact Type:	Local Agency Caseworker

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILO EQUIPMENT CORPORATION (Continued)

S101619810

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: T0605901310
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rose.scott@waterboards.ca.gov
Phone Number: 9513206375

LUST:

Global Id: T0605901310
Action Type: Other
Date: 10/10/1990
Action: Leak Discovery

Global Id: T0605901310
Action Type: Other
Date: 12/20/1990
Action: Leak Reported

Global Id: T0605901310
Action Type: Other
Date: 10/20/1990
Action: Leak Stopped

LUST:

Global Id: T0605901310
Status: Open - Case Begin Date
Status Date: 10/10/1990

Global Id: T0605901310
Status: Completed - Case Closed
Status Date: 06/01/1991

SWEEPS UST:

Status: Active
Comp Number: 43352
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 07-31-88
Owner Tank Id: 1
SWRCB Tank Id: 30-020-043352-000001
Tank Status: A
Capacity: Not reported
Active Date: 07-01-85
Tank Use: M.V. FUEL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILO EQUIPMENT CORPORATION (Continued)

S101619810

STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 43352
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 07-31-88
Owner Tank Id: 2
SWRCB Tank Id: 30-020-043352-000002
Tank Status: A
Capacity: Not reported
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 43352
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 07-31-88
Owner Tank Id: 3
SWRCB Tank Id: 30-020-043352-000003
Tank Status: A
Capacity: Not reported
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:

File Number: 0002EB57
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EB57.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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILO EQUIPMENT CORPORATION (Continued)

S101619810

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

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

CA FID UST:

Facility ID: 30003201
Regulated By: UTNKA
Regulated ID: 00043352
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7142618107
Mail To: Not reported
Mailing Address: 1830 E WARNER AVE
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

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 48314
Air District Name: SC
SIC Code: 4463
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: 8
Reactive Organic Gases Tons/Yr: 8
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 Smlr Tons/Yr: 0

**C35
NW
< 1/8
0.115 mi.
605 ft.**

**MILO EQUIPMENT CORPORATION
1830 E WARNER AVE
SANTA ANA, CA 92706

Site 5 of 6 in cluster C**

**HIST UST U001578290
N/A**

**Relative:
Higher

Actual:
64 ft.**

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000043352
Facility Type: Other
Other Type: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILO EQUIPMENT CORPORATION (Continued)

U001578290

Telephone: 7142618107
Owner Name: MILO EQUIPMENT CORPORATION
Owner Address: 1830 E. WARNER AVENUE
Owner City,St,Zip: SANTA ANA, CA 92706
Total Tanks: 0003

Tank Num: 001
Container Num: 1
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: 002
Container Num: 2
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: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

D36
West
1/8-1/4
0.143 mi.
756 ft.

VOSS ELECTRONIC INC
1848 E CARNEIGE
SANTA ANA, CA 92705

Site 1 of 6 in cluster D

RCRA NonGen / NLR **1000374677**
FINDS **CAD982315103**
ECHO
HAZNET

Relative:
Higher

RCRA NonGen / NLR:

Actual:
60 ft.

Date form received by agency: 10/28/1987
Facility name: VOSS ELECTRONIC INC
Facility address: 1848 E CARNEIGE
SANTA ANA, CA 92705
EPA ID: CAD982315103
Mailing address: E CARNEIGE
SANTA ANA, CA 92705
Contact: ENVIRONMENTAL MANAGER
Contact address: 1848 E CARNEIGE
SANTA ANA, CA 92705
Contact country: US
Contact telephone: 714-261-6707
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VOSS ELECTRONIC INC (Continued)

1000374677

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002792078

Environmental Interest/Information System

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VOSS ELECTRONIC INC (Continued)

1000374677

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

ECHO:

Envid: 1000374677
Registry ID: 110002792078
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002792078>

HAZNET:

envid: 1000374677
Year: 1994
GEPAID: CAD982315103
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1848 E CARNEIGE
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: CAD003963592
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: 1.4000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000374677
Year: 1994
GEPAID: CAD982315103
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1848 E CARNEIGE
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Recycler
Tons: .4587
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000374677
Year: 1994
GEPAID: CAD982315103
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1848 E CARNEIGE
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: CAD000088252

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VOSS ELECTRONIC INC (Continued)

1000374677

TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: .6880
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000374677
Year: 1994
GEPAID: CAD982315103
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1848 E CARNEIGE
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Recycler
Tons: 1.3135
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

C37
NW
1/8-1/4
0.149 mi.
787 ft.
Relative:
Higher
Actual:
65 ft.

GEMINI IND INC
2311 S PULLMAN ST
SANTA ANA, CA 92705
Site 6 of 6 in cluster C

SEMS-ARCHIVE
CORRACTS
RCRA-TSDF
RCRA-SQG
ENVIROSTOR
HIST UST
EMI
HWP
WDS

1000257791
CAD063132039

SEMS Archive:
Site ID: 903281
EPA ID: CAD063132039
Cong District: 38
FIPS Code: 6059
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 9
Site ID: 903281
EPA ID: CAD063132039
Site Name: GEMINI IND INC
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEMINI IND INC (Continued)

1000257791

Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 903281
EPA ID: CAD063132039
Site Name: GEMINI IND INC
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-01-01 00:00:00
Finish Date: 1991-01-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903281
EPA ID: CAD063132039
Site Name: GEMINI IND INC
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-06-06 00:00:00
Qual: D
Current Action Lead: EPA Perf

CORRACTS:

EPA ID: CAD063132039
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910606
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 331419 331492 331492
Primary Smelting and Refining of Nonferrous Metal (except Copper and Aluminum)
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 09/01/1996
Facility name: GEMINI IND INC
Facility address: 2311 S PULLMAN ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEMINI IND INC (Continued)

1000257791

SANTA ANA, CA 92705
EPA ID: CAD063132039
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name: S P MUSCO C J AUCHMOODY D E BALZANO
Owner/operator address: 2311 S PULLMAN ST
SANTA ANA, CA 92705
Owner/operator country: Not reported
Owner/operator telephone: 714-549-3281
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: S P MUSCO C J AUCHMOODY D E BALZANO
Owner/operator address: 2311 S PULLMAN ST
SANTA ANA, CA 92705
Owner/operator country: Not reported
Owner/operator telephone: 714-549-3281
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEMINI IND INC (Continued)

1000257791

Used oil transporter: No

Historical Generators:

Date form received by agency: 01/08/1981
Site name: GEMINI IND INC
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 01/01/1990
Event: LEAD AGENCY DETERMINATION

Event date: 06/06/1991
Event: NCAPS RANKING/PRIORITY

Event date: 06/06/1991
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 06/06/1991
Event: PA OR CERCLA INSPECTION

Facility Has Received Notices of Violations:

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 04/17/1989
Date achieved compliance: 07/05/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/01/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 04/07/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/06/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/30/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/18/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEMINI IND INC (Continued)

1000257791

Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/05/1989
Evaluation lead agency: State

ENVIROSTOR:

Facility ID: 80001445
Status: * Inactive
Status Date: 01/01/2008
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71351
Longitude: -117.8431
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD063132039
Alias Type: EPA Identification Number
Alias Name: 110000480541
Alias Type: EPA (FRS #)
Alias Name: 80001445
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/06/1991
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEMINI IND INC (Continued)

1000257791

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST UST:

File Number: 0002E950
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E950.pdf>
Region: STATE
Facility ID: 00000045679
Facility Type: Other
Other Type: PRECIOUS METALS
Contact Name: Not reported
Telephone: 7142504011
Owner Name: GEMINI INDUSTRIES, INC.
Owner Address: 2311 SOUTH PULLMAN STREET
Owner City,St,Zip: SANTA ANA, CA 92705
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1975
Tank Capacity: 00017000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 8
Leak Detection: Not reported

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

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 13041
Air District Name: SC
SIC Code: 3341
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: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 13041
Air District Name: SC
SIC Code: 3341
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEMINI IND INC (Continued)

1000257791

Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1993
County Code: 30
Air Basin: SC
Facility ID: 13041
Air District Name: SC
SIC Code: 3341
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: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 13041
Air District Name: SC
SIC Code: 3341
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: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HWP:

EPA Id: CAD063132039
Cleanup Status: PROTECTIVE FILER
Latitude: 33.71351
Longitude: -117.8431
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 69
Senate District: 34
Public Information Officer: Not reported
Public Information Officer: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEMINI IND INC (Continued)

1000257791

Activities:

EPA Id: CAD063132039
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date: 02/03/1988

EPA Id: CAD063132039
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date: 11/05/1987

Alias:

EPA Id: CAD063132039
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000480541

WDS:

Facility ID: Santa Ana River 30I001759
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: 9492504011
Facility Contact: DR. M.I. EL GUINDY
Agency Name: GEMINI IND INC
Agency Address: 2311 S PULLMAN ST
Agency City,St,Zip: SANTA ANA 92705
Agency Contact: DR. EL GUINDY
Agency Telephone: 9492504011
Agency Type: Private
SIC Code: 2819
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEMINI IND INC (Continued)

1000257791

Complexity: to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**E38
WNW
1/8-1/4
0.155 mi.
818 ft.**

**DANA CORP SPICER STEERING GEAR
2321 S PULLMAN AVE
SANTA ANA, CA 92705**

RCRA NonGen / NLR

**1000142146
CAD081810129**

Site 1 of 2 in cluster E

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
63 ft.**

Date form received by agency: 08/01/1980
Facility name: DANA CORP SPICER STEERING GEAR
Facility address: 2321 S PULLMAN AVE
SANTA ANA, CA 92705
EPA ID: CAD081810129
Mailing address: P O BOX 15407
SANTA ANA, CA 92705
Contact: ENVIRONMENTAL MANAGER
Contact address: 2321 S PULLMAN AVE
SANTA ANA, CA 92705
Contact country: US
Contact telephone: 714-540-2350
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DANA CORP SPICER STEERING GEAR (Continued)

1000142146

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

E39 **ACD LLC**
WNW **2321 S PULLMAN ST**
1/8-1/4 **SANTA ANA, CA 92705**
0.155 mi.
818 ft. **Site 2 of 2 in cluster E**

RCRA-LQG **1000119245**
CAD981391287

Relative:
Higher

RCRA-LQG:

Actual:
63 ft.

Date form received by agency: 03/01/2014
Facility name: ACD LLC
Facility address: 2321 S PULLMAN ST
SANTA ANA, CA 92705
EPA ID: CAD981391287
Mailing address: S PULLMAN ST
SANTA ANA, CA 92705
Contact: MICHAEL J COCO
Contact address: S PULLMAN ST
SANTA ANA, CA 92705
Contact country: Not reported
Contact telephone: 949-261-7533
Telephone ext.: 354
Contact email: MCOCO@ACDLLC.COM
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACD LLC (Continued)

1000119245

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

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

Owner/operator name: ACD LLC
Owner/operator address: S PULLMAN ST
SANTA ANA, CA 92705
Owner/operator country: Not reported
Owner/operator telephone: 949-261-7533
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1984
Owner/Op end date: Not reported

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

Owner/operator name: ACD LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1984
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACD LLC (Continued)

1000119245

Handler Activities Summary:

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

. Waste code: D002
. Waste name: CORROSIVE WASTE

Historical Generators:

Date form received by agency: 09/01/1996
Site name: ACD INC
Classification: Small Quantity Generator

Date form received by agency: 02/21/1986
Site name: ACD INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 10/27/1992
Date achieved compliance: 10/27/1997
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/27/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/27/1997
Evaluation lead agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D40
West
1/8-1/4
0.162 mi.
855 ft.
GE PLASTICS
1831 E. CARNEGIE AVENUE
SANTA ANA, CA 92705
Site 2 of 6 in cluster D

SEMS **1007646605**
CAN000906091

Relative:
Higher
Actual:
60 ft.

SEMS:
Site ID: 906091
EPA ID: CAN000906091
Cong District: Not reported
FIPS Code: 6059
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region: 9
Site ID: 906091
EPA ID: CAN000906091
Site Name: GE PLASTICS
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 8/16/2005
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 906091
EPA ID: CAN000906091
Site Name: GE PLASTICS
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 2004-06-21 00:00:00
Finish Date: 6/21/2004
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 906091
EPA ID: CAN000906091
Site Name: GE PLASTICS
NPL: N
FF: N
OU: 0
Action Code: VA
Action Name: OTHR CLEANUP
SEQ: 1
Start Date: 2005-12-21 00:00:00
Finish Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE PLASTICS (Continued)

1007646605

Qual: Not reported
Current Action Lead: St Perf

D41
West
1/8-1/4
0.162 mi.
855 ft.

LNP ENGINEERING PLASTICS, INC.
1831 EAST CARNEGIE STREET
SANTA ANA, CA 92705

RCRA-LQG

1007199462
CAD981573355

Site 3 of 6 in cluster D

Relative:
Higher

RCRA-LQG:

Actual:
60 ft.

Date form received by agency: 02/26/2002
Facility name: LNP ENGINEERING PLASTICS, INC.
Facility address: 1831 EAST CARNEGIE STREET
SANTA ANA, CA 92705
EPA ID: CAD981573355
Contact: THOMAS A FICCA
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 610-363-4500
Contact email: TFICCA@LNP.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Handler Activities Summary:

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

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LNP ENGINEERING PLASTICS, INC. (Continued)

1007199462

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 591
. Waste name: Baghouse waste

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Historical Generators:

Date form received by agency: 10/12/2000
Site name: LNP ENGINEERING PLASTICS INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: LNP ENGINEERING PLASTICS
Classification: Large Quantity Generator

Violation Status: No violations found

D42
West
1/8-1/4
0.162 mi.
855 ft.

GE PLASTICS
1831 CARNEGIE AVE
SANTA ANA, CA 92705

Site 4 of 6 in cluster D

CPS-SLIC **S105805966**
HAZNET **N/A**

Relative: CPS-SLIC:
Higher Region: STATE
Actual: **Facility Status:** **Open - Remediation**
60 ft. Status Date: 04/01/2013
Global Id: SL0002080016
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.71137
Longitude: -117.843767
Case Type: Cleanup Program Site
Case Worker: MB
Local Agency: Not reported
RB Case Number: 2080016
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Perchlorate
Site History: The Site has contamination of soil and groundwater with Perchlorate.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE PLASTICS (Continued)

S105805966

Several investigation of the soil and shallow groundwater has been conducted at the on-site areas. In-situ and ex-situ remedial options have been tested for soil and groundwater at the Site. Currently a small FBR is operating at the site which treats the extracted groundwater from several on-site wells. Two water bearing zones exist at the site. Off-site investigation has been ongoing for the past year to fully delineate the lateral extent of the perchlorate plume. Vertical investigation of the plume at the on- and off-Site locations was completed and it was determined that perchlorate has not migrated to deeper zone beneath the 2nd WBZ. The shape of the plume has been determined to be long and narrow (approximately 350 feet wide in average); however, it has migrated toward southeast/south and has crossed Dyer Road. Additional soil investigation inside the building at the Site indicated that there is a secondary source of contamination from a leaky sewer pipeline existed beneath the building. The perchlorate impacted soil from this secondary leak is in touch with the perchlorate impacted soil from the original leak at the former PTFE processing area. Therefore, soil remediation for OU-1 will be implemented in this area too. A final FS report for OU-1 was submitted to the RWQCB on June 27, 2011. A RAP for OU-1 was submitted to the RWQCB on August 23, 2012. Implementation of pilot scale off-site groundwater was started in May 2016. RWQCB is currently discussing technical details of OU-1 RAP with the RP.

[Click here to access the California GeoTracker records for this facility:](#)

SLIC REG 8:

Type: Soil and Groundwater
Facility Status: Additional Characterization Underway
Staff: EGK
Substance: PERCHLORATE
Lead Agency: Regional Board
Location Code: Not reported
Thomas Bros Code: Not reported

HAZNET:

envid: S105805966
Year: 2013
GEPAID: CAC002723221
Contact: MATT CURTIS
Telephone: 2134867825
Mailing Name: Not reported
Mailing Address: 707 WILSHIRE BLVD STE 4825
Mailing City,St,Zip: LOS ANGELES, CA 900173635
Gen County: Orange
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Tons: 0.06255
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

D43 **ENERGY AND ENVIRONMENTAL RESEARCH CORP** **RCRA-SQG** **1007370173**
West **1831 E CARNEGIE AVE** **HAZNET** **CAR000153627**
1/8-1/4 **SANTA ANA, CA 92705**
0.162 mi.
855 ft.

Site 5 of 6 in cluster D

Relative:
Higher

RCRA-SQG:

Actual:
60 ft.

Date form received by agency: 05/12/2004
Facility name: ENERGY AND ENVIRONMENTAL RESEARCH CORP
Facility address: 1831 E CARNEGIE AVE
SANTA ANA, CA 92705
EPA ID: CAR000153627
Contact: PETER MALY
Contact address: 1831 E CARNEGIE AVE
SANTA ANA, CA 92705
Contact country: US
Contact telephone: 949-552-1803
Contact email: PETE.MALY@PS.GE.COM
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: GENERAL ELECTRIC ADVANCED MATERIALS
Owner/operator address: 1831 E CARNEGIE AVE
SANTA ANA, CA 92705
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/30/2000
Owner/Op end date: Not reported
Owner/operator name: ENERGY AND ENVIRONMENTAL RESEARCH CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/14/2004
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENERGY AND ENVIRONMENTAL RESEARCH CORP (Continued)

1007370173

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHTHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHTHLORETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENERGY AND ENVIRONMENTAL RESEARCH CORP (Continued)

1007370173

ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

HAZNET:

envid: 1007370173
Year: 2011
GEPAID: CAR000153627
Contact: DAVID MOYEDA, MANAGER
Telephone: 9497942616
Mailing Name: Not reported
Mailing Address: 1831 E CARNEGIE AVE
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: UTD981552177
TSD County: Not reported
Waste Category: Polychlorinated biphenyls and material containing PCBs
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03306
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1007370173
Year: 2011
GEPAID: CAR000153627
Contact: DAVID MOYEDA, MANAGER
Telephone: 9497942616
Mailing Name: Not reported
Mailing Address: 1831 E CARNEGIE AVE
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: CAD980675276
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.075
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1007370173
Year: 2011
GEPAID: CAR000153627
Contact: DAVID MOYEDA, MANAGER
Telephone: 9497942616
Mailing Name: Not reported
Mailing Address: 1831 E CARNEGIE AVE
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: ARD069748192
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENERGY AND ENVIRONMENTAL RESEARCH CORP (Continued)

1007370173

Tons: 0.01
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1007370173
Year: 2011
GEPAID: CAR000153627
Contact: DAVID MOYEDA, MANAGER
Telephone: 9497942616
Mailing Name: Not reported
Mailing Address: 1831 E CARNEGIE AVE
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: ARD069748192
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.445
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1007370173
Year: 2011
GEPAID: CAR000153627
Contact: DAVID MOYEDA, MANAGER
Telephone: 9497942616
Mailing Name: Not reported
Mailing Address: 1831 E CARNEGIE AVE
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: ARD069748192
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.099
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

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

D44
West
1/8-1/4
0.162 mi.
855 ft.

LNP CORPORATION
1831 E CARNEGIE
SANTA ANA, CA 92705

Site 6 of 6 in cluster D

Relative: ENVIROSTOR:
Higher Facility ID: 60001200
Status: Refer: RWQCB
Status Date: 01/11/2011
Site Code: 401493
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0

ENVIROSTOR **1000109320**
SWEEPS UST **N/A**
HIST UST
CA FID UST
EMI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LNP CORPORATION (Continued)

1000109320

NPL: NO
Regulatory Agencies: SMBRP, US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.7112
Longitude: -117.8444
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 401493
Alias Type: Project Code (Site Code)
Alias Name: 60001200
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 01/11/2011
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

SWEEPS UST:

Status: Not reported
Comp Number: 42
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000042-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LNP CORPORATION (Continued)

1000109320

Number Of Tanks: 1

HIST UST:

File Number: 0002EADF
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EADF.pdf>
Region: STATE
Facility ID: 00000016515
Facility Type: Other
Other Type: MFG FACILITY
Contact Name: Not reported
Telephone: 7145462000
Owner Name: LNP CORPORATION
Owner Address: 1831 E. CARNEGIE
Owner City,St,Zip: SANTA ANA, CA 92705
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

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

CA FID UST:

Facility ID: 30006524
Regulated By: UTNKA
Regulated ID: 00016515
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145462000
Mail To: Not reported
Mailing Address: 1831 E CARNEGIE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92705
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 16618
Air District Name: SC
SIC Code: 3079
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LNP CORPORATION (Continued)

1000109320

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: 2
Part. Matter 10 Micrometers and Smlr Tons/Yr:2

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 16618
Air District Name: SC
SIC Code: 3087
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 Smlr Tons/Yr:0

F45
WNW
1/8-1/4
0.177 mi.
936 ft.

POLY OPTICAL PRODUCTS INC
1815 E CARNEGIE AVE
SANTA ANA, CA 92705

Site 1 of 3 in cluster F

RCRA-SQG 1000818483
FINDS CAD983643560
ECHO
HAZNET

Relative:
Higher

RCRA-SQG:

Actual:
61 ft.

Date form received by agency: 07/22/1992
Facility name: POLY OPTICAL PRODUCTS INC
Facility address: 1815 E CARNEGIE AVE
SANTA ANA, CA 92705
EPA ID: CAD983643560
Mailing address: E CARNEGIE AVE
SANTA ANA, CA 92705
Contact: GREG SAUNDERS
Contact address: 1815 E CARNEGIE AVE
SANTA ANA, CA 92705
Contact country: US
Contact telephone: 714-250-8557
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: CARSON ESTATES CO
Owner/operator address: 18710 S WILMINGTON AVE 200
RANCHO DOMINGUEZ, CA 90220

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLY OPTICAL PRODUCTS INC (Continued)

1000818483

Owner/operator country: Not reported
Owner/operator telephone: 213-537-0955
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002881338

Environmental Interest/Information System

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

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

ECHO:

Envid: 1000818483
Registry ID: 110002881338
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002881338>

HAZNET:

envid: 1000818483
Year: 1993
GEPAID: CAD983643560
Contact: CARSON ESTATES CO
Telephone: 2135370955

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLY OPTICAL PRODUCTS INC (Continued)

1000818483

Mailing Name: Not reported
Mailing Address: 1815 E CARNEGIE AVE
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: CAT080011059
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.41699999999
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

46
NE
1/8-1/4
0.192 mi.
1015 ft.

SHELDAHL, INC-CIRCUITRY DIV
15771 RED HILL AVENUE
TUSTIN, CA 92780

RCRA-SQG **1008194536**
FINDS **CAL000138247**
ECHO

Relative:
Higher

RCRA-SQG:

Actual:
67 ft.

Date form received by agency: 02/07/2006
Facility name: BEI DUNCAN ELECTRONICS DIVISION
Facility address: 15771 RED HILL AVENUE
TUSTIN, CA 92780
EPA ID: CAL000138247
Mailing address: 170 TECHNOLOGY DRIVE
IRVINE, CA 92618
Contact: RICHARD RILEY
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 949-341-9500
Contact email: RICHARD.RILEY@BEIDUNCAN.COM
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: BEI TECHNOLOGIES, INC
Owner/operator address: 15771 RED HILL AVE
TUSTIN, CA 92780
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1990
Owner/Op end date: Not reported

Owner/operator name: BEI TECHNOLOGIES, INC.
Owner/operator address: 170 TECHNOLOGY DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELDAHL, INC-CIRCUITRY DIV (Continued)

1008194536

IRVINE, CA 92618
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1990
Owner/Op end date: Not reported

Owner/operator name: BEI DUNCAN ELECTRONICS DIVISION
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1990
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/07/2006
Site name: BEI DUNCAN ELECTRONICS DIVISION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D028

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELDAHL, INC-CIRCUITRY DIV (Continued)

1008194536

- . Waste name: 1,2-DICHLOROETHANE
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/26/2004

Site name: BEI DUNCAN ELECTRONICS DIVISION

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELDAHL, INC-CIRCUITRY DIV (Continued)

1008194536

MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110002318224

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

HAZARDOUS AIR POLLUTANT MAJOR

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

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

ECHO:

Envid: 1008194536
Registry ID: 110002318224
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002318224>

**G47
NW
1/8-1/4
0.198 mi.
1044 ft.**

**TROY COMPUTER
2322 PULLMAN STREET
SANTA ANA, CA**

**CPS-SLIC S101541207
N/A**

Site 1 of 8 in cluster G

**Relative:
Higher
Actual:
67 ft.**

CPS-SLIC:
Region: STATE
Facility Status: **Open - Remediation**
Status Date: 01/02/2005
Global Id: SLT8R1964095
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.713765
Longitude: -117.843257

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TROY COMPUTER (Continued)

S101541207

Case Type: Cleanup Program Site
Case Worker: CAB
Local Agency: Not reported
RB Case Number: SLT8R196
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Indoor Air, Soil, Soil Vapor
Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride
Site History: Various subsurface investigations had been conducted on-site between 1989 and 1998. Relatively high levels of TCE-impacted soil and groundwater had been reported by others, such as TCE at 12,000 ug/kg in soil, and at 4,200 ug/l in groundwater. Reportedly, tetrachloroethene (PCE) was detected at 4,100,000 ug/kg in soil. In addition, concentrations of TPH as gasoline were detected in soil and groundwater beneath the subject property as high as 5,340 mg/kg in soil, for example, and 2322 S. Pullman Street April 25, 2008 benzene was detected as high as 27,000 ug/l in groundwater. The TPH and gasoline-related compounds were apparently related to a release from an underground storage tank (UST) on the adjacent Henley property. AEI conducted a subsurface investigation on-site in 2000. The investigative activities included advancement of 11 borings to depths of 62 feet (maximum). A soil vapor extraction and air sparge pilot test was conducted by AEI in 2001. Quarterly groundwater monitoring was initiated on-site in March 2002. In September 2003, AEI installed the high vacuum dual-phase extraction (HVDPE) system. The extraction system was modified in April 2005, and this remedial system was operated almost continuously since January 2005. Discharge to the sanitary sewer system was started in October 2005. The HVDPE system was modified again in January 2006, and several different changes to the remedial system were completed through March 2006. The HVDPE system was shutdown in March 2007. It appears that the most practical remedial approach at this time is to determine the feasibility of insitu groundwater treatment. A In situ pilot injection study was conducted in February 2009. This was accomplished to determine the potential beneficial effect of reducing the concentrations of the primary chemical of concern (COC), namely trichloroethene (TCE), in the source area beneath the subject building. The injection of the Hydrogen Release Compound (HRC)TM (3-D Microemulsion and HRC Primer) supplied by Regenesys was completed on February 11, 2009. The injection probes were positioned within about 3-5 feet of W-16 as planned. Approximately 1,275 gallons of HRC were injected in the five probes at depths of about 16-27 feet (720 pounds of 3-D Microemulsion and 210 pounds of HRC Primer). As discovered, TCE was detected by the laboratory at 2,600 micrograms per liter ("g/l) in March 2009, at 3,200 "g/l in April 2009, at 14,000 "g/l in June 2009, and at 12,000 "g/l in January 2010 in monitoring well W-16. There was a reduction in the TCE concentration between January 2010 and April 2010, which was about one year after the HRC injection. Specifically, the TCE concentration apparently decreased from 12,000 "g/l in January 2010 to only 64 "g/l in April 2010. This latter TCE concentration seemed to be directly related to the effect of the HRC in this area. The presence of breakdown compounds in W-16, such as cis-1,2-dichloroethene (cis-1,2-DCE), suggested that chemical degradation was occurring in the vicinity of W-16. For example, cis-1,2-2322 S. Pullman Street February 9, 2015 ject DCE was detected at 4.6 "g/l in December 2008, at 39 "g/l in June 2009, at 560 "g/l in January 2010, and as high as 23,000 "g/l in April 2010. Trans-1,2-DCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TROY COMPUTER (Continued)

S101541207

was not detected in March 2009, April 2009, or June 2009. However, trans-1,2-DCE was reported at 19 "g/l in January 2010, and at 42 "g/l in April 2010. Vinyl chloride was not detected in December 2008 through April 2010 in W-16, as indicated by the laboratory. These data had shown that the HRC was able to dechlorinate the TCE in the source/treated area. As discussed at our meeting with the CRWQCB on September 19, 2011, the presence of cis-1,2-DCE at a relatively high concentration in groundwater within the previous pilot study area was a concern to the CRWQCB. As indicated, this demonstrated that some conversion of TCE had occurred as desired, but that continued and complete breakdown of the TCE to cis-1,2-DCE, trans-1,2-DCE, vinyl chloride, and ultimately to ethane had not occurred. The CRWQCB had suggested that some further corrective action, such as additional groundwater treatment, would ultimately be needed to obtain regulatory closure. As proposed, Regenesi would conduct a full-scale field test of its new groundwater treatment product. This new product, identified as Plume Stop™, is typically applied in two parts. Part 1 is applied in high volume to maximize contact with the soil and groundwater below the water table. Part 2 is a lower-volume, slow-release substrate that is designed to enhance biodegradation of the chlorinated volatile organic compounds (VOC). The process is intended to: 1) adsorb contaminants and reduce VOC groundwater concentrations; 2) inhibit transport of contaminants in groundwater; and 3) provide nourishment and a matrix for bacteria and contaminants to facilitate bioremediation. In other words, the application was anticipated to result in a substantial and sustained reduction of chlorinated VOCs in the targeted treatment area. The planned additional assessment, data collection, and groundwater treatment (i.e., field-scale beta test) were generally accomplished as intended in January and February 2012. The results were reported on September 5, 2012.

[Click here to access the California GeoTracker records for this facility:](#)

**G48
NW
1/8-1/4
0.198 mi.
1044 ft.**

**TROY COMPUTER
2322 PULLMAN STREET
SANTA ANA, CA
Site 2 of 8 in cluster G**

**CPS-SLIC S108543115
N/A**

**Relative:
Higher
Actual:
67 ft.**

SLIC REG 8:
Type: Soil and Groundwater
Facility Status: 3
Staff: XXX
Substance: SOLVENTS
Lead Agency: Regional Board
Location Code: SA-25
Thomas Bros Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

F49
West
1/8-1/4
0.200 mi.
1054 ft.

XZX ELECTRONICS INC
1826 E CARNEGIE ST
SANTA ANA, CA 92705

Site 2 of 3 in cluster F

RCRA-SQG
FINDS
ECHO
HAZNET

1000985086
CAR000001974

Relative:
Higher

RCRA-SQG:

Actual:
60 ft.

Date form received by agency: 04/10/1995
Facility name: XZX ELECTRONICS INC
Facility address: 1826 E CARNEGIE ST
SANTA ANA, CA 92705
EPA ID: CAR000001974
Mailing address: E CARNEGIE ST
SANTA ANA, CA 92705
Contact: CHARLIE OKADA
Contact address: 1826 E CARNEGIE ST
SANTA ANA, CA 92705
Contact country: US
Contact telephone: 714-622-1430
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: XZX ELECTRONICS INC
Owner/operator address: 1826 E CARNEGIE ST
SANTA ANA, CA 92705
Owner/operator country: Not reported
Owner/operator telephone: 714-263-1795
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

XZX ELECTRONICS INC (Continued)

1000985086

Violation Status: No violations found

FINDS:

Registry ID: 110002905447

Environmental Interest/Information System

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

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

ECHO:

Envid: 1000985086
Registry ID: 110002905447
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002905447>

HAZNET:

envid: 1000985086
Year: 2004
GEPaid: CAR000001974
Contact: XZX ELECTRONICS INC
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 1342 E BORCHARD AVE
Mailing City,St,Zip: SANTA ANA, CA 92705
Gen County: Not reported
TSD EPA ID: CAD008488025
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Recycler
Tons: 4.17
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000985086
Year: 2003
GEPaid: CAR000001974
Contact: XZX ELECTRONICS INC
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 1342 E BORCHARD AVE
Mailing City,St,Zip: SANTA ANA, CA 92705
Gen County: Not reported
TSD EPA ID: CAD008488025
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Recycler
Tons: 3.75
Cat Decode: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

XZX ELECTRONICS INC (Continued)

1000985086

Method Decode: Not reported
Facility County: Orange

envid: 1000985086
Year: 2001
GEPAID: CAR000001974
Contact: XZX ELECTRONICS INC
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 1342 E BORCHARD AVE
Mailing City,St,Zip: SANTA ANA, CA 92705
Gen County: Not reported
TSD EPA ID: NID052204864
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Invalid Code
Tons: 2.08
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000985086
Year: 1999
GEPAID: CAR000001974
Contact: XZX ELECTRONICS INC
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1826 CARNEGIE AVE # E
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: NJD062204864
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Invalid Code
Tons: 3.3360
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000985086
Year: 1998
GEPAID: CAR000001974
Contact: XZX ELECTRONICS INC
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1826 CARNEGIE AVE # E
Mailing City,St,Zip: SANTA ANA, CA 927050000
Gen County: Not reported
TSD EPA ID: NJD062204864
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Invalid Code
Tons: 3.9615
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

XZX ELECTRONICS INC (Continued)

1000985086

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

**H50
NNW
1/8-1/4
0.205 mi.
1083 ft.**

**STEELCASE INC-WESTERN DIVISIO
1123 WARNER AVE
TUSTIN, CA 92680
Site 1 of 2 in cluster H**

**HIST UST U001577912
N/A**

**Relative:
Higher
Actual:
70 ft.**

HIST UST:
File Number: 0002EE93
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EE93.pdf>
Region: STATE
Facility ID: 00000043482
Facility Type: Other
Other Type: FURNITURE MFG.
Contact Name: Not reported
Telephone: 7146699000
Owner Name: STEELCASE INC.
Owner Address: 1123 WARNER AVE.
Owner City,St,Zip: TUSTIN, CA 92680
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3
Leak Detection: Visual

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

**H51
NNW
1/8-1/4
0.205 mi.
1083 ft.**

**RICOH ELECTRONICS, INC
1123 WARNER AVE.
TUSTIN, CA 92780
Site 2 of 2 in cluster H**

**RCRA-SQG 1000204023
ENVIROSTOR CAD063841787
LUST
UST
SWEEPS UST
HIST UST
CA FID UST
FINDS
ECHO
EMI
ENF
HAZNET
HIST CORTESE
WDS
CIWQS**

**Relative:
Higher
Actual:
70 ft.**

RCRA-SQG:
Date form received by agency: 02/20/2002
Facility name: STEELCASE INC
Facility address: 1123 WARNER AVE
TUSTIN, CA 92780
EPA ID: CAD063841787

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Contact: DALE W BOTTS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 714-566-2461
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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/20/2002
Site name: STEELCASE INC
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Site name: STEELCASE INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: STEELCASE INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: STEELCASE INC
Classification: Large Quantity Generator

Date form received by agency: 02/12/1996
Site name: STEELCASE INC.
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994
Site name: STEELCASE INC
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Date form received by agency: 02/25/1992
Site name: STEELCASE INC
Classification: Large Quantity Generator

Date form received by agency: 04/13/1990
Site name: STEELCASE INC
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Site name: STEELCASE INC
Classification: Large Quantity Generator

Violation Status: No violations found

ENVIROSTOR:

Facility ID: 71002518
Status: Refer: RWQCB
Status Date: 02/08/2013
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Greg Holmes
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.71448
Longitude: -117.8418
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD063841787
Alias Type: EPA Identification Number
Alias Name: 110000480293
Alias Type: EPA (FRS #)
Alias Name: 71002518
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 03/18/2011
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

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

LUST:

Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900308
Global Id: T0605900308
Latitude: 33.7148216628821
Longitude: -117.841690571936
Status: Open - Remediation
Status Date: 09/07/2008
Case Worker: CAB
RB Case Number: 083000389T
Local Agency: ORANGE COUNTY
File Location: Not reported
Local Case Number: 85UT093
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Chlorinated Hydrocarbons
Site History: Not reported

LUST:

Global Id: T0605900308
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605900308
Contact Type: Local Agency Caseworker
Contact Name: LUIS LODRIGUEZA
Organization Name: ORANGE COUNTY
Address: 2009 E. EDINGER AVE.
City: SANTA ANA
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0605900308
Action Type: RESPONSE
Date: 08/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 12/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Date:	02/28/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	03/28/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	02/10/1999
Action:	Waste Discharge Requirements
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	07/12/1985
Action:	Clean-up and Abatement Order
Global Id:	T0605900308
Action Type:	REMEDIATION
Date:	09/30/2008
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0605900308
Action Type:	REMEDIATION
Date:	03/01/2011
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	10/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	12/01/2014
Action:	Email Correspondence
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	08/30/2008
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	11/30/2002
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	09/30/2002
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	10/30/2002
Action:	NPDES / WDR Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Global Id:	T0605900308
Action Type:	REMEDIATION
Date:	02/01/1988
Action:	Free Product Removal
Global Id:	T0605900308
Action Type:	REMEDIATION
Date:	10/01/1996
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	01/13/2011
Action:	Staff Letter
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	01/23/2015
Action:	Email Correspondence
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	06/29/2015
Action:	Staff Letter
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	04/06/2012
Action:	Verbal Enforcement
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	09/15/2014
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	03/14/2006
Action:	Staff Letter
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	05/23/2017
Action:	Site Assessment Report
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	11/16/2016
Action:	Site Visit / Inspection / Sampling
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	07/13/2010
Action:	Meeting
Global Id:	T0605900308
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Date: 08/15/2017
Action: Staff Letter

Global Id: T0605900308
Action Type: RESPONSE
Date: 10/17/2014
Action: Email Correspondence - Regulator Responded

Global Id: T0605900308
Action Type: RESPONSE
Date: 10/22/2014
Action: Email Correspondence - Regulator Responded

Global Id: T0605900308
Action Type: ENFORCEMENT
Date: 06/11/2012
Action: Staff Letter

Global Id: T0605900308
Action Type: RESPONSE
Date: 12/09/2013
Action: Verbal Communication

Global Id: T0605900308
Action Type: RESPONSE
Date: 11/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 05/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 08/28/2005
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 09/28/2005
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 09/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900308
Action Type: RESPONSE
Date: 09/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 10/30/2004
Action: NPDES / WDR Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Global Id:	T0605900308
Action Type:	RESPONSE
Date:	07/30/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	04/30/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	07/30/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	10/20/2014
Action:	Email Correspondence
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	12/30/2002
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	06/29/2008
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	REMEDIATION
Date:	01/01/2011
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0605900308
Action Type:	REMEDIATION
Date:	02/01/2011
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0605900308
Action Type:	REMEDIATION
Date:	07/01/2010
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	05/30/2003
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	01/20/2015
Action:	Staff Letter
Global Id:	T0605900308
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Date:	01/30/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	01/30/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	07/30/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	02/29/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	08/15/2015
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0605900308
Action Type:	REMEDIATION
Date:	02/01/1988
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	06/30/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	06/22/2011
Action:	Staff Letter
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	05/31/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	06/30/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	09/30/2005
Action:	Request for Closure
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	08/08/2005
Action:	Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	07/20/2010
Action:	Staff Letter
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	07/28/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	02/01/2003
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	03/16/2015
Action:	Soil and Water Investigation Report
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	04/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	04/05/2003
Action:	Soil and Water Investigation Workplan
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Soil and Water Investigation Report
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	01/30/2003
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	02/29/2008
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	03/29/2008
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	04/29/2008
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Date:	05/29/2008
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	07/29/2008
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	Other
Date:	01/28/1987
Action:	Leak Reported
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	03/29/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	Other
Date:	01/28/1987
Action:	Leak Stopped
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	03/30/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	03/30/2004
Action:	Remedial Progress Report
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	11/03/2014
Action:	Email Correspondence - Regulator Responded
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	03/01/2005
Action:	Other Report / Document
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	04/30/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	05/30/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	12/22/2011
Action:	Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Global Id:	T0605900308
Action Type:	RESPONSE
Date:	11/30/2008
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	06/06/2016
Action:	Monitoring Report - Annually
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	02/07/2013
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	07/21/2005
Action:	Meeting
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	07/29/2013
Action:	Meeting
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	06/07/2013
Action:	Verbal Enforcement
Global Id:	T0605900308
Action Type:	ENFORCEMENT
Date:	03/09/2012
Action:	Staff Letter
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	09/30/2008
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	10/30/2008
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	09/30/2006
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	RESPONSE
Date:	10/30/2006
Action:	NPDES / WDR Reports
Global Id:	T0605900308
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Date: 04/01/2003
Action: * Verbal Communication

Global Id: T0605900308
Action Type: ENFORCEMENT
Date: 04/08/2003
Action: Staff Letter

Global Id: T0605900308
Action Type: RESPONSE
Date: 07/22/2002
Action: Monitoring Report - Quarterly

Global Id: T0605900308
Action Type: ENFORCEMENT
Date: 03/25/2015
Action: Site Visit / Inspection / Sampling

Global Id: T0605900308
Action Type: RESPONSE
Date: 02/03/2015
Action: Email Correspondence

Global Id: T0605900308
Action Type: ENFORCEMENT
Date: 10/17/2011
Action: Staff Letter

Global Id: T0605900308
Action Type: Other
Date: 01/27/1987
Action: Leak Discovery

Global Id: T0605900308
Action Type: ENFORCEMENT
Date: 07/15/2003
Action: Staff Letter

Global Id: T0605900308
Action Type: RESPONSE
Date: 12/30/2006
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 01/30/2007
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 02/28/2007
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 04/30/2006
Action: NPDES / WDR Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Global Id: T0605900308
Action Type: RESPONSE
Date: 05/31/2006
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 07/31/2006
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 05/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900308
Action Type: RESPONSE
Date: 11/30/2006
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 08/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900308
Action Type: RESPONSE
Date: 07/28/2007
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 11/30/2007
Action: NPDES / WDR Reports

Global Id: T0605900308
Action Type: RESPONSE
Date: 01/30/2008
Action: NPDES / WDR Reports

LUST:

Global Id: T0605900308
Status: Open - Case Begin Date
Status Date: 07/12/1985

Global Id: T0605900308
Status: Open - Remediation
Status Date: 04/01/1987

Global Id: T0605900308
Status: Open - Remediation
Status Date: 03/04/2004

Global Id: T0605900308
Status: Open - Verification Monitoring
Status Date: 08/08/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Global Id: T0605900308
Status: Open - Remediation
Status Date: 09/07/2008

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 85UT093
Released Substance: Chlorinated hydrocarbons
Date Closed: 06/01/1991
Record ID: RO0002958

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Remedial action (cleanup) Underway
Case Number: 083000389T
Local Case Num: 85UT093
Case Type: Aquifer affected
Substance: Chlorinated Hydrocarbons
Qty Leaked: 3000
Abate Method: Pump and Treat Ground Water - generally employed to remove dissolved contaminants

Cross Street: RED HILL
Enf Type: SEL
Funding: State Funds
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Piping
Global ID: T0605900308
How Stopped Date: 1/28/1987
Enter Date: 2/2/1987
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 1/27/1987
Enforcement Date: 7/12/1985
Close Date: Not reported
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: 3/4/2004
Date Post Remedial Action Monitoring: Not reported
Enter Date: 2/2/1987
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.7156427
Longitude: -117.8445659
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	LAL
Lead Agency:	Regional Board
Local Agency:	30000
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	1/22/96 - DISCUSSED USING DUAL PHASE EXTRACTION AT THE SITE. 2/21/96 - PUMP & TREAT CEASED OPERATION. 11/21/96 - UPGRADED REMEDIAL SYSTEM STARTED IN 10/96.

UST:

Facility ID:	129
Permitting Agency:	ORANGE COUNTY
Latitude:	33.717868
Longitude:	-117.840506

SWEEPS UST:

Status:	Not reported
Comp Number:	129
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-000129-000020
Tank Status:	Not reported
Capacity:	6500
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	1

Status:	Active
Comp Number:	129
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-000129-000021
Tank Status:	A
Capacity:	7000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	OTHER
Number Of Tanks:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

HIST UST:

File Number: 0002EE92
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EE92.pdf>
Region: STATE
Facility ID: 00000021500
Facility Type: Other
Other Type: FURNITURE MFG.
Contact Name: Not reported
Telephone: 7146699000
Owner Name: STEELCASE INC.
Owner Address: 1123 WARNER AVE.
Owner City,St,Zip: TUSTIN, CA 92680
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1984
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Sensor Instrument

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

CA FID UST:

Facility ID: 30000455
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145662461
Mail To: Not reported
Mailing Address: 1123 WARNER AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: TUSTIN 92680
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:

Registry ID: 110056961783

Environmental Interest/Information System
TSCA SUBMITTER

Registry ID: 110000480293

Environmental Interest/Information System
US EPA TRIS (Toxics Release Inventory System) contains information
from facilities on the amounts of over 300 listed toxic chemicals that

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

these facilities release directly to air, water, land, or that are transported off-site.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

HAZARDOUS AIR POLLUTANT MAJOR

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.

HAZARDOUS WASTE BIENNIAL REPORTER

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

ECHO:

Envid: 1000204023
Registry ID: 110000480293
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000480293>

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2522
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: 279
Reactive Organic Gases Tons/Yr: 259
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 7
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2521
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: 315

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Reactive Organic Gases Tons/Yr: 278
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 13
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2521
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: 180
Reactive Organic Gases Tons/Yr: 153
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 7
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2521
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: 161
Reactive Organic Gases Tons/Yr: 155
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 7
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2521
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: 144
Reactive Organic Gases Tons/Yr: 131
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 7
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2521
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: 145
Reactive Organic Gases Tons/Yr: 136
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 7
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2521
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: 144
Reactive Organic Gases Tons/Yr: 131
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 7
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2521
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: 144
Reactive Organic Gases Tons/Yr: 131
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 7
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2521

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: B
Total Organic Hydrocarbon Gases Tons/Yr: 110
Reactive Organic Gases Tons/Yr: 91
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 6
SOX - Oxides of Sulphur Tons/Yr: 2
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 2002
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2522
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: 8
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2522
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: 8
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2004
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2522
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 8.30031881
Reactive Organic Gases Tons/Yr: 3.93
Carbon Monoxide Emissions Tons/Yr: 0.480856

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

NOX - Oxides of Nitrogen Tons/Yr: 0.7196408
SOX - Oxides of Sulphur Tons/Yr: 0.0164093
Particulate Matter Tons/Yr: 0.0941248
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.09

Year: 2013
County Code: 30
Air Basin: SC
Facility ID: 1634
Air District Name: SC
SIC Code: 2522
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: 0.075
Reactive Organic Gases Tons/Yr: 0.03
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

ENF:

Region: 8
Facility Id: 228519
Agency Name: Steelcase Inc
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 4959
SIC Desc 1: Sanitary Services, NEC
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: 0.0144
Threat To Water Quality: 3
Complexity: B
Pretreatment: X - Facility is not a POTW
Facility Waste Type: Contaminated ground water
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: NPDNONMUNIPRCS
Program Category1: NPDESWW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Program Category2:	NPDESWW
# Of Programs:	1
WDID:	8 302496001
Reg Measure Id:	205906
Reg Measure Type:	Enrollee
Region:	8
Order #:	R8-2002-0007
Npdes# CA#:	CAG918001
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	1000
Status:	Historical
Status Date:	09/13/1985
Effective Date:	09/13/1985
Expiration/Review Date:	Not reported
Termination Date:	10/02/2003
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	222093
Region:	8
Order / Resolution Number:	85-113
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	07/12/1985
Adoption/Issuance Date:	Not reported
Achieve Date:	1985-07-12
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 302496001
Description:	INITIATE GROUNDWATER CLEANUP.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	1985-07-12
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	8
Facility Id:	228519
Agency Name:	Steelcase Inc
Place Type:	Facility

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4959
SIC Desc 1:	Sanitary Services, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0144
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	8 302496001
Reg Measure Id:	205906
Reg Measure Type:	Enrollee
Region:	8
Order #:	R8-2002-0007
Npdes# CA#:	CAG918001
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	1000
Status:	Historical
Status Date:	09/13/1985
Effective Date:	09/13/1985
Expiration/Review Date:	Not reported
Termination Date:	10/02/2003
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	222092
Region:	8
Order / Resolution Number:	85-008
Enforcement Action Type:	Admin Civil Liability
Effective Date:	08/09/1985
Adoption/Issuance Date:	Not reported
Achieve Date:	1985-09-01
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 302496001
Description:	13500 GALLONS OF PAINT WASTEWATER OVERFLOWED A CLARIFIER INTO STORM DRAINS TO SAN DIEGO CREEK
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	1985-09-01
# Of Programs1:	1
Total Assessment Amount:	\$55,718.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$55,718.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$55,718.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$55,718.00
Region:	8
Facility Id:	228519
Agency Name:	Steelcase Inc
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4959
SIC Desc 1:	Sanitary Services, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0144
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	8 302496001
Reg Measure Id:	205906
Reg Measure Type:	Enrollee
Region:	8
Order #:	R8-2002-0007
Npdes# CA#:	CAG918001
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	1000
Status:	Historical
Status Date:	09/13/1985
Effective Date:	09/13/1985
Expiration/Review Date:	Not reported
Termination Date:	10/02/2003
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	221980
Region:	8
Order / Resolution Number:	98-08906
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	08/28/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 302496001
Description:	RESCINDS CAO 85-113
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

HAZNET:

envid: 1000204023
Year: 2004
GEPaid: CAD063841787
Contact: THOMAS KEMPERS/SUPVR, PAINT
Telephone: 9098592670
Mailing Name: Not reported
Mailing Address: 288 MAYO AVENUE
Mailing City,St,Zip: CITY OF INDUSTRY, CA 917890000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Transfer Station
Tons: 0.7
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000204023
Year: 2004
GEPaid: CAD063841787
Contact: THOMAS KEMPERS/SUPVR, PAINT
Telephone: 9098592670
Mailing Name: Not reported
Mailing Address: 288 MAYO AVENUE
Mailing City,St,Zip: CITY OF INDUSTRY, CA 917890000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.15
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000204023
Year: 2004
GEPaid: CAD063841787
Contact: THOMAS KEMPERS/SUPVR, PAINT
Telephone: 9098592670
Mailing Name: Not reported
Mailing Address: 288 MAYO AVENUE
Mailing City,St,Zip: CITY OF INDUSTRY, CA 917890000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Treatment, Tank
Tons: 1.14
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000204023
Year: 2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

GEPaid: CAD063841787
Contact: THOMAS KEMPERS/SUPVR, PAINT
Telephone: 9098592670
Mailing Name: Not reported
Mailing Address: 288 MAYO AVENUE
Mailing City,St,Zip: CITY OF INDUSTRY, CA 917890000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 8.02
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000204023
Year: 2003
GEPaid: CAD063841787
Contact: THOMAS KEMPERS/SUPVR, PAINT
Telephone: 9098592670
Mailing Name: Not reported
Mailing Address: 288 MAYO AVENUE
Mailing City,St,Zip: CITY OF INDUSTRY, CA 917890000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 1.46
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

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

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000389T

WDS:

Facility ID: Santa Ana River 30I002159
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Facility Telephone: 7145662461
Facility Contact: DALE W BOTTS
Agency Name: STEELCASE INC
Agency Address: 1123 WARNER AVENUE
Agency City,St,Zip: TUSTIN 92780
Agency Contact: DALE BOTTS / KIM GILPIN
Agency Telephone: 7145662461
Agency Type: Private
SIC Code: 2522
SIC Code 2: 2521
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Agency: Steelcase Inc
Agency Address: 288 South Mayo Avenue, Walnut, CA 91789
Place/Project Type: Other
SIC/NAICS: 4959
Region: 8
Program: NPDESWW, NPDNONMUNIPRCS
Regulatory Measure Status: Historical
Regulatory Measure Type: Enrollee
Order Number: R8-2002-0007
WDID: 8 302496001
NPDES Number: CAG918001
Adoption Date: Not reported
Effective Date: 09/13/1985
Termination Date: 10/02/2003
Expiration/Review Date: Not reported
Design Flow: 0.0144
Major/Minor: Not reported
Complexity: A
TTWQ: 2
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICOH ELECTRONICS, INC (Continued)

1000204023

Longitude: Not reported

Agency: Steelcase Inc
Agency Address: PO Box 1967, Grand Rapids, MI 49501
Place/Project Type: Industrial - Office Furniture, Except Wood
SIC/NAICS: Multiple
Region: 8
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 30I002159
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 03/30/1992
Termination Date: 02/07/2003
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.71536
Longitude: -117.84385

I52
West
1/8-1/4
0.210 mi.
1109 ft.

IRVINE SCIENTIFIC
2511 DAIMLER STREET
SANTA ANA, CA 92705

RCRA-SQG 1012175572
CAL000028560

Site 1 of 2 in cluster I

Relative:
Lower

RCRA-SQG:

Actual:
59 ft.

Date form received by agency: 02/28/2008
Facility name: IRVINE SCIENTIFIC
Facility address: 2511 DAIMLER STREET
SANTA ANA, CA 92705
EPA ID: CAL000028560
Contact: STANLEY SILVEIRA
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 949-261-7800
Telephone ext.: 273
Contact email: SSILVEIRA@IRVINESCI.COM
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: ALLAN & ALLEN ENTRAPRISE
Owner/operator address: 59955 WEST HILL ROAD
ST. HELLENS, OR 97051

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IRVINE SCIENTIFIC (Continued)

1012175572

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/01/1977
Owner/Op end date: Not reported

Owner/operator name: IRVINE SCIENTIFIC
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/27/1970
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: K156
. Waste name: ORGANIC WASTE (INCLUDING HEAVY ENDS, STILL BOTTOMS, LIGHT ENDS, SPENT SOLVENTS, FILTRATES, AND DECANTATES) FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

I53
West
1/8-1/4
0.210 mi.
1109 ft.
IRVINE SCIENTIFIC SALES CO INC
2511 DAIMLER ST
SANTA ANA, CA 92705
Site 2 of 2 in cluster I

RCRA-SQG
1016954622
CAL000358321

Relative:
Lower

RCRA-SQG:

Actual:
59 ft.

Date form received by agency: 03/01/2014
Facility name: IRVINE SCIENTIFIC SALES CO INC
Facility address: 2511 DAIMLER ST
SANTA ANA, CA 92705
EPA ID: CAL000358321
Mailing address: E WARNER
SANTA ANA, CA 92705
Contact: DAN PARKER
Contact address: DAIMLER ST
SANTA ANA, CA 92705
Contact country: Not reported
Contact telephone: 714-261-7800
Telephone ext.: 240
Contact email: DPARKER@IRVINESCI.COM
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: ALLEN & ALLEN ENTERPRISES
Owner/operator address: W HILL RD
ST HELENS, OR 97051
Owner/operator country: Not reported
Owner/operator telephone: 949-261-7800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/01/1977
Owner/Op end date: Not reported

Owner/operator name: IRVINE SCIENTIFIC SALES CO INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/27/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IRVINE SCIENTIFIC SALES CO INC (Continued)

1016954622

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: P105
. Waste name: SODIUM AZIDE

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

Violation Status: No violations found

J54
NW
1/8-1/4
0.218 mi.
1150 ft.
STRATOFLIGHT CORPORATION
2331 S. PULLMAN STREET
SANTA ANA, CA 92705
Site 1 of 2 in cluster J

AST **A100424917**
N/A

Relative:
Higher

Actual:
65 ft.

AST:
Certified Unified Program Agencies: Not reported
Owner: StratoFlight Corporation
Total Gallons: Not reported
CERSID: 10418260
Facility ID: FA0066714
Business Name: StratoFlight Corporation
Phone: (949) 623-3120
Fax: (949) 623-3121
Mailing Address: 2331 S. Pullman Street
Mailing Address City: Santa Ana
Mailing Address State: CA
Mailing Address Zip Code: 92705
Operator Name: StratoFlight Corporation
Operator Phone: (949) 632-3120
Owner Phone: (949) 623-3120
Owner Mail Address: 2331 S. Pullman Street
Owner State: CA
Owner Zip Code: 92705
Owner Country: United States
Property Owner Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATOFLIGHT CORPORATION (Continued)

A100424917

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: CAL000328378

**J55
NW
1/8-1/4
0.218 mi.
1150 ft.**

**TROY DIV. OF PIERCE CO.
2331 S. PULLMAN STREET
SANTA ANA, CA 92705**

**ENVIROSTOR S103644345
N/A**

Site 2 of 2 in cluster J

**Relative:
Higher
Actual:
65 ft.**

ENVIROSTOR:
Facility ID: 71003284
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71314
Longitude: -117.8443
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000076628
Alias Type: EPA Identification Number
Alias Name: 110013827939
Alias Type: EPA (FRS #)
Alias Name: 71003284
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 12/06/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TROY DIV. OF PIERCE CO. (Continued)

S103644345

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

F56
WNW
1/8-1/4
0.219 mi.
1156 ft.

POPE CORP
1803 E CARNEGIE AVE UNIT A
SANTA ANA, CA 92705

RCRA-SQG **1000593473**
FINDS **CAD982443673**
ECHO

Site 3 of 3 in cluster F

Relative:
Higher

RCRA-SQG:

Actual:
61 ft.

Date form received by agency: 05/06/1991
Facility name: POPE CORP
Facility address: 1803 E CARNEGIE AVE UNIT A
SANTA ANA, CA 92705
EPA ID: CAD982443673
Mailing address: 261 RIVER ST
HAVERHILL, MA 01830
Contact: ENVIRONMENTAL MANAGER
Contact address: 1803 E CARNEGIE AVE UNIT A
SANTA ANA, CA 92705
Contact country: US
Contact telephone: 714-261-7673
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: POPE CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POPE CORP (Continued)

1000593473

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002813938

Environmental Interest/Information System

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

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

ECHO:

Envid: 1000593473
Registry ID: 110002813938
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002813938>

57
West
1/8-1/4
0.226 mi.
1191 ft.

KERR DENTAL MATERIAL CTR
1800 E CARNEGIE AVE
SANTA ANA, CA 92705

RCRA NonGen / NLR **1000351494**
CAD981376049

Relative:
Higher

RCRA NonGen / NLR:
Date form received by agency: 02/09/1998
Facility name: KERR DENTAL MATERIAL CTR
Facility address: 1800 E CARNEGIE AVE
SANTA ANA, CA 92705
EPA ID: CAD981376049

Actual:
60 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KERR DENTAL MATERIAL CTR (Continued)

1000351494

Contact: WILLIAM PIKE
Contact address: 1717 W COLLINS AVE
ORANGE, CA 92667
Contact country: US
Contact telephone: 714-516-7400
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SYBRON CORP
Owner/operator address: 411 E WISCONSIN AVE
MILWAUKEE, WI 53202
Owner/operator country: Not reported
Owner/operator telephone: 414-274-6000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 04/15/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KERR DENTAL MATERIAL CTR (Continued)

1000351494

Site name: KERR DENTAL MATERIAL CTR
Classification: Not a generator, verified

Date form received by agency: 04/15/1996

Site name: KERR DENTAL MATERIAL CTR
Classification: Not a generator, verified

Date form received by agency: 02/20/1996

Site name: KERR/SYBRON DENTAL MATERIALS CENTER
Classification: Large Quantity Generator

Date form received by agency: 03/11/1994

Site name: KERR/SYBRON DENTAL MATERIALS CTR.
Classification: Large Quantity Generator

Date form received by agency: 02/24/1992

Site name: SYBRON DENTAL MATLS CENTER
Classification: Large Quantity Generator

Date form received by agency: 06/10/1991

Site name: SYBRON DENTAL MATLS CENTER
Classification: Large Quantity Generator

Violation Status: No violations found

**G58
NW
1/8-1/4
0.232 mi.
1225 ft.**

**AMERICAN FOOD SERVICE EQUIPMEN
2344 S PULLMAN ST
SANTA ANA, CA 92705**

**SWEEPS UST
HIST UST**

**S106093063
N/A**

Site 3 of 8 in cluster G

**Relative:
Higher**

SWEEPS UST:

**Actual:
66 ft.**

Status: Not reported
Comp Number: 183
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000183-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 183
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000183-000002
Tank Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN FOOD SERVICE EQUIPMEN (Continued)

S106093063

Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 183
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000183-000003
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 183
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000183-000004
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

HIST UST:

File Number: 0002E4CC
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E4CC.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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN FOOD SERVICE EQUIPMEN (Continued)

S106093063

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:](#)

**G59
NW
1/8-1/4
0.232 mi.
1225 ft.**

**AEROMIL ENGINEERING CO., INC.
2344 PULLMAN ST
SANTA ANA, CA 92705
Site 4 of 8 in cluster G**

**LUST U001578218
HIST UST N/A**

**Relative:
Higher
Actual:
66 ft.**

LUST:
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901714
Global Id: T0605901714
Latitude: 33.7139767
Longitude: -117.8451589
Status: Open - Remediation
Status Date: 09/28/2017
Case Worker: NOM
RB Case Number: 083002385T
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
Site History: On October 14, 2014, groundwater samples were collected from wells MW-2, MW-4 through MW-8, MW-10 through MW-13, and MW-15 through MW-17 at the subject site. Maximum total petroleum hydrocarbons-gasoline (TPH-g), benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tert-butyl ether (MTBE), tert-butyl alcohol (TBA), and di-isopropyl ether (DIPE) concentrations were detected up to 51,000 ppb (MW-5), 26,000 ppb (MW-5), 250 ppb (MW-5), 1,400 ppb (MW-18), 3,070 ppb (MW-17), 230 ppb (MW-7), 8,400 ppb (MW-7), and 840 (MW-7), respectively. In addition, several other volatile and halogenated organic carbons (VOCs and HVOCs) were also detected.

LUST:
Global Id: T0605901714
Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: nolson-martin@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 09/11/2007
Action: Technical Correspondence / Assistance / Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	09/12/2007
Action:	Verbal Communication
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	06/11/2007
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	07/05/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	08/08/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	05/30/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	08/12/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	07/23/2001
Action:	Notice of Violation
Global Id:	T0605901714
Action Type:	Other
Date:	12/10/1987
Action:	Leak Discovery
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	02/22/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	03/24/2009
Action:	Correspondence
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	03/16/2009
Action:	Verbal Communication
Global Id:	T0605901714
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Date:	11/06/2002
Action:	Other Report / Document
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	09/17/2002
Action:	Soil and Water Investigation Workplan
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	10/30/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	01/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	08/30/2002
Action:	CAP/RAP - Other Report
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	08/27/2009
Action:	Verbal Enforcement
Global Id:	T0605901714
Action Type:	REMEDIATION
Date:	01/14/2003
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	11/14/2006
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	01/30/2007
Action:	Verbal Communication
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	11/09/2006
Action:	Meeting
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	10/30/2014
Action:	Soil Vapor Intrusion Investigation Workplan - Regulator Responded
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	08/15/2018
Action:	Monitoring Report - Semi-Annually

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Global Id: T0605901714
Action Type: RESPONSE
Date: 02/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 01/11/2000
Action: Staff Letter

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 05/09/2008
Action: Verbal Communication

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 05/18/2004
Action: Staff Letter

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 12/29/2005
Action: * Verbal Communication

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 05/19/2003
Action: Staff Letter

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 09/13/2002
Action: * Verbal Communication

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 08/06/2002
Action: Staff Letter

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 04/03/2003
Action: Staff Letter

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 07/02/2002
Action: * Verbal Communication

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 07/31/2002
Action: File review

Global Id: T0605901714
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Date:	11/14/2002
Action:	File review
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	03/27/2003
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	02/10/2014
Action:	Meeting
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	05/13/2005
Action:	* No Action
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	03/17/2004
Action:	* No Action
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	09/02/2004
Action:	* Verbal Communication
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	04/20/2017
Action:	Email Correspondence
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	03/30/2005
Action:	* No Action
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	04/04/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	08/16/2005
Action:	* No Action
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	04/04/2005
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	08/30/2003
Action:	Remedial Progress Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Global Id: T0605901714
Action Type: RESPONSE
Date: 12/30/2016
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0605901714
Action Type: RESPONSE
Date: 07/17/2017
Action: Email Correspondence

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 10/31/2000
Action: Staff Letter

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 02/26/1999
Action: Staff Letter

Global Id: T0605901714
Action Type: RESPONSE
Date: 09/05/2014
Action: Email Correspondence

Global Id: T0605901714
Action Type: RESPONSE
Date: 10/01/2014
Action: Email Correspondence

Global Id: T0605901714
Action Type: REMEDIATION
Date: 04/02/2004
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605901714
Action Type: RESPONSE
Date: 09/09/2005
Action: Remedial Progress Report

Global Id: T0605901714
Action Type: RESPONSE
Date: 02/15/2015
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0605901714
Action Type: RESPONSE
Date: 02/23/2007
Action: Well Installation Report

Global Id: T0605901714
Action Type: RESPONSE
Date: 07/05/2007
Action: Other Report / Document

Global Id: T0605901714
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Date: 07/06/2007
Action: Other Report / Document

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 08/25/2014
Action: Meeting

Global Id: T0605901714
Action Type: RESPONSE
Date: 06/30/2016
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605901714
Action Type: RESPONSE
Date: 07/11/2017
Action: Monitoring Report - Other

Global Id: T0605901714
Action Type: RESPONSE
Date: 03/08/2017
Action: Email Correspondence

Global Id: T0605901714
Action Type: RESPONSE
Date: 03/13/2009
Action: Other Report / Document

Global Id: T0605901714
Action Type: RESPONSE
Date: 08/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605901714
Action Type: RESPONSE
Date: 08/27/2009
Action: Interim Remedial Action Report

Global Id: T0605901714
Action Type: RESPONSE
Date: 02/23/2011
Action: Correspondence

Global Id: T0605901714
Action Type: RESPONSE
Date: 11/13/2013
Action: Verbal Communication

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 03/20/2009
Action: Staff Letter

Global Id: T0605901714
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Global Id:	T0605901714
Action Type:	RESPONSE
Date:	03/30/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	05/02/2002
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	04/19/2017
Action:	Meeting
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	09/12/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	09/08/2006
Action:	Verbal Communication
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	03/09/2007
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	04/02/2012
Action:	Correspondence
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	02/15/2019
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	08/02/2017
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	05/12/2016
Action:	Verbal Enforcement
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	02/26/1999
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Date:	03/25/2015
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	11/30/2003
Action:	CAP/RAP - Final Remediation / Design Plan
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	12/11/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	05/02/2005
Action:	Other Report / Document
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	05/09/2004
Action:	Soil and Water Investigation Workplan
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	10/25/1999
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	05/10/2017
Action:	Conceptual Site Model - Regulator Responded
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	02/28/2007
Action:	Verbal Communication
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	10/31/2007
Action:	Meeting
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	03/21/2007
Action:	Verbal Communication
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	08/10/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	06/20/2007
Action:	Meeting

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	08/23/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	10/29/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	05/10/2007
Action:	Verbal Communication
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	08/16/2016
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	06/08/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	03/30/2005
Action:	Remedial Progress Report
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	06/25/2010
Action:	Correspondence
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	03/08/2007
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	02/19/2016
Action:	Warning Letter
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	02/12/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	08/27/2007
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Date:	12/16/2008
Action:	Verbal Communication
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	01/30/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	11/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	09/16/2008
Action:	Verbal Communication
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	08/02/2006
Action:	Remedial Progress Report
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	09/11/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	02/02/2011
Action:	Correspondence
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	10/20/2004
Action:	* No Action
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	06/29/2004
Action:	* Verbal Communication
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	08/15/2002
Action:	* Verbal Communication
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	08/22/2003
Action:	* Verbal Communication
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	04/14/2011
Action:	Correspondence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Global Id:	T0605901714
Action Type:	RESPONSE
Date:	03/07/2017
Action:	Email Correspondence
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	03/30/2004
Action:	Remedial Progress Report
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	01/10/2005
Action:	Soil and Water Investigation Report
Global Id:	T0605901714
Action Type:	Other
Date:	08/04/1993
Action:	Leak Reported
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	05/30/2016
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	11/30/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	12/11/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	04/25/2003
Action:	* Verbal Communication
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	06/20/2008
Action:	Verbal Communication
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	06/03/2003
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	12/04/2017
Action:	Email Correspondence
Global Id:	T0605901714
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Date: 03/22/2006
Action: Monitoring Report - Quarterly

Global Id: T0605901714
Action Type: RESPONSE
Date: 09/29/2016
Action: Email Correspondence

Global Id: T0605901714
Action Type: RESPONSE
Date: 12/05/2016
Action: Email Correspondence

Global Id: T0605901714
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605901714
Action Type: RESPONSE
Date: 06/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605901714
Action Type: RESPONSE
Date: 10/24/2011
Action: Correspondence

Global Id: T0605901714
Action Type: RESPONSE
Date: 08/26/2017
Action: Email Correspondence

Global Id: T0605901714
Action Type: Other
Date: 08/04/1993
Action: Leak Stopped

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 08/01/2000
Action: Staff Letter

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 04/08/2003
Action: Staff Letter

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 07/12/2016
Action: Meeting

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 07/26/2017
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Global Id:	T0605901714
Action Type:	RESPONSE
Date:	02/22/2017
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	06/23/2016
Action:	Email Correspondence
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	03/23/2005
Action:	File review
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	12/21/2004
Action:	* Verbal Communication
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	01/20/2005
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	10/10/2016
Action:	Email Correspondence
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	10/31/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	10/04/2005
Action:	* No Action
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	06/27/2017
Action:	Email Correspondence
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	01/12/2005
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	12/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Date: 12/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605901714
Action Type: RESPONSE
Date: 07/06/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 06/27/2007
Action: Verbal Enforcement

Global Id: T0605901714
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 03/20/2008
Action: Verbal Communication

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 05/10/2004
Action: * Verbal Communication

Global Id: T0605901714
Action Type: RESPONSE
Date: 11/15/2016
Action: Email Correspondence

Global Id: T0605901714
Action Type: RESPONSE
Date: 07/26/2017
Action: Email Correspondence

Global Id: T0605901714
Action Type: RESPONSE
Date: 09/01/2009
Action: Correspondence

Global Id: T0605901714
Action Type: RESPONSE
Date: 03/05/2007
Action: Remedial Progress Report

Global Id: T0605901714
Action Type: RESPONSE
Date: 05/25/2007
Action: Well Installation Report

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 11/20/2003
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	02/12/2014
Action:	Staff Letter
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	09/09/2013
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	06/03/2016
Action:	Email Correspondence
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	10/04/2004
Action:	Remedial Progress Report
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	05/06/2003
Action:	Other Report / Document
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	03/30/2003
Action:	Remedial Progress Report
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	02/27/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	12/10/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	12/09/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	03/27/2003
Action:	File review
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	04/09/2003
Action:	File review
Global Id:	T0605901714
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Date: 09/17/2003
Action: * Verbal Communication

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 03/09/2004
Action: Staff Letter

Global Id: T0605901714
Action Type: RESPONSE
Date: 12/26/2006
Action: Soil and Water Investigation Workplan

Global Id: T0605901714
Action Type: RESPONSE
Date: 09/11/2006
Action: Monitoring Report - Quarterly

Global Id: T0605901714
Action Type: RESPONSE
Date: 10/31/2007
Action: Other Report / Document

Global Id: T0605901714
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605901714
Action Type: RESPONSE
Date: 06/16/2011
Action: Correspondence

Global Id: T0605901714
Action Type: RESPONSE
Date: 06/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0605901714
Action Type: REMEDIATION
Date: 08/27/2009
Action: Other (Use Description Field)

Global Id: T0605901714
Action Type: RESPONSE
Date: 02/14/2018
Action: CAP/RAP - Other Report

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 06/01/2015
Action: Verbal Enforcement

Global Id: T0605901714
Action Type: ENFORCEMENT
Date: 06/18/1999
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	05/12/2016
Action:	Verbal Enforcement
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	06/30/2017
Action:	Meeting
Global Id:	T0605901714
Action Type:	REMEDIATION
Date:	04/02/2004
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	08/30/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	10/30/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	02/01/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	12/16/2016
Action:	Well Installation Report - Regulator Responded
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	08/21/2017
Action:	Email Correspondence
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	04/27/2017
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605901714
Action Type:	RESPONSE
Date:	05/09/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605901714
Action Type:	ENFORCEMENT
Date:	01/14/2005
Action:	File review
Global Id:	T0605901714
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Date: 12/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605901714
Action Type: RESPONSE
Date: 12/30/2011
Action: Monitoring Report - Semi-Annually

LUST:

Global Id: T0605901714
Status: Open - Case Begin Date
Status Date: 12/10/1987

Global Id: T0605901714
Status: Open - Site Assessment
Status Date: 09/09/1992

Global Id: T0605901714
Status: Open - Remediation
Status Date: 08/06/2002

Global Id: T0605901714
Status: Open - Remediation
Status Date: 08/22/2003

Global Id: T0605901714
Status: Open - Remediation
Status Date: 11/05/2003

Global Id: T0605901714
Status: Open - Remediation
Status Date: 11/13/2003

Global Id: T0605901714
Status: Open - Remediation
Status Date: 03/04/2004

Global Id: T0605901714
Status: Open - Site Assessment
Status Date: 05/09/2004

Global Id: T0605901714
Status: Open - Remediation
Status Date: 10/04/2004

Global Id: T0605901714
Status: Open - Remediation
Status Date: 03/10/2005

Global Id: T0605901714
Status: Open - Remediation
Status Date: 09/09/2005

Global Id: T0605901714
Status: Open - Remediation
Status Date: 08/02/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMIL ENGINEERING CO., INC. (Continued)

U001578218

Global Id: T0605901714
Status: Open - Site Assessment
Status Date: 12/05/2006

Global Id: T0605901714
Status: Open - Remediation
Status Date: 03/05/2007

Global Id: T0605901714
Status: Open - Verification Monitoring
Status Date: 11/14/2009

Global Id: T0605901714
Status: Open - Remediation
Status Date: 09/28/2017

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000058048
Facility Type: Other
Other Type: MANUFACTURE STAINLES
Contact Name: RON COOK
Telephone: 7145461511
Owner Name: AMFAB, INC.
Owner Address: 2344 S. PULLMAN AVENUE
Owner City,St,Zip: SANTA ANA, CA 92705
Total Tanks: 0002

Tank Num: 001
Container Num: #2
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: #1
Year Installed: 1965
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G60
NW
1/8-1/4
0.232 mi.
1225 ft.
AEROMILL ENGINEERING CO., INC.
2344 PULLMAN ST
SANTA ANA, CA 92705
Site 5 of 8 in cluster G

LUST **S101300043**
N/A

Relative:
Higher

Actual:
66 ft.

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Remedial action (cleanup) Underway
Case Number: 083002385T
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: SEL
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605901714
How Stopped Date: Not reported
Enter Date: 5/10/2002
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 12/10/1987
Enforcement Date: 7/23/2001
Close Date: Not reported
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: 5/9/2004
Date Remediation Plan Submitted: 11/5/2003
Date Remedial Action Underway: 10/4/2004
Date Post Remedial Action Monitoring: Not reported
Enter Date: 5/10/2002
GW Qualifies: =
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.7139767
Longitude: -117.8451589
MTBE Date: 3/29/1999
Max MTBE GW: 33
MTBE Concentration: 10
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: *
Staff: NOM
Staff Initials: JB
Lead Agency: Regional Board
Local Agency: Santa Ana, Orange County
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROMILL ENGINEERING CO., INC. (Continued)

S101300043

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

G61
NW
1/8-1/4
0.232 mi.
1225 ft.
STRATOFLIGHT
2344 S PULLMAN ST
SANTA ANA, CA 92705
Site 6 of 8 in cluster G

AST **A100424918**
N/A

Relative:
Higher

AST:

Actual:
66 ft.

Certified Unified Program Agencies: Not reported
Owner: StratoFlight Corporation
Total Gallons: Not reported
CERSID: 10563652
Facility ID: FA0051468
Business Name: StratoFlight Corporation
Phone: (949) 623-3120
Fax: (949) 623-3121
Mailing Address: 2331 S. Pullman Street
Mailing Address City: Santa Ana
Mailing Address State: CA
Mailing Address Zip Code: 92705
Operator Name: StratoFlight Corporation
Operator Phone: (949) 632-3120
Owner Phone: (949) 623-3120
Owner Mail Address: 2331 S. Pullman Street
Owner State: CA
Owner Zip Code: 92705
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: CAL000346525

G62
NW
1/8-1/4
0.232 mi.
1225 ft.
AMERICAN FOOD SERVICE EQUIPMEN
2344 PULLMAN ST
SANTA ANA, CA 92705
Site 7 of 8 in cluster G

HIST UST **U001578219**
N/A

Relative:
Higher

HIST UST:

Actual:
66 ft.

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000067778
Facility Type: Other
Other Type: MFG. FACILITY
Contact Name: RON COOK
Telephone: 7142618388
Owner Name: AMFAB, INC.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN FOOD SERVICE EQUIPMEN (Continued)

U001578219

Owner Address: 2344 SOUTH PULLMAN STREET
Owner City,St,Zip: SANTA ANA, CA 92705
Total Tanks: 0004

Tank Num: 001
Container Num: #1 (WEST G
Year Installed: 1965
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: 2
Container Construction Thickness: X
Leak Detection: Visual

Tank Num: 002
Container Num: #2 (EAST G
Year Installed: 1965
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 003
Container Num: #2 (EAST G
Year Installed: 1965
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: 2
Container Construction Thickness: X
Leak Detection: Visual

Tank Num: 004
Container Num: #1 (WEST G
Year Installed: 1965
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual

G63
NW
1/8-1/4
0.232 mi.
1225 ft.

AMERICAN FOOD SERVICE EQUIPMEN
2344 S PULLMAN AVE
SANTA ANA, CA 92705
Site 8 of 8 in cluster G

HIST UST
CA FID UST
NPDES
CIWQS

S101619783
N/A

Relative:
Higher
Actual:
66 ft.

HIST UST:
File Number: 0002E4CB
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E4CB.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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN FOOD SERVICE EQUIPMEN (Continued)

S101619783

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:](#)

CA FID UST:

Facility ID:	30001786
Regulated By:	UTNKA
Regulated ID:	00058048
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7145461511
Mail To:	Not reported
Mailing Address:	2344 S PULLMAN AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA ANA 92705
Contact:	Not reported
Contact Phone:	Not reported
DUNS Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

Facility ID:	30001786
Regulated By:	UTNKA
Regulated ID:	00067778
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7142618388
Mail To:	Not reported
Mailing Address:	2344 S PULLMAN ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA ANA 92705
Contact:	Not reported
Contact Phone:	Not reported
DUNS Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	449669

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN FOOD SERVICE EQUIPMEN (Continued)

S101619783

Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I025063
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/19/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Vince Bauerlein
Discharge Address:	2331 S Pullman Street
Discharge City:	Santa Ana
Discharge State:	California
Discharge Zip:	92705
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN FOOD SERVICE EQUIPMEN (Continued)

S101619783

CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	449669
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30I025063
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	09/19/2014
PROCESSED DATE:	09/19/2014
STATUS CODE NAME:	Active
STATUS DATE:	09/19/2014
PLACE SIZE:	2.58
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Michael Peterson
FACILITY CONTACT TITLE:	Environmental Manager
FACILITY CONTACT PHONE:	661-257-3535
FACILITY CONTACT PHONE EXT:	1233
FACILITY CONTACT EMAIL:	michael.peterson@pccairframe.com
OPERATOR NAME:	Vince Bauerlein
OPERATOR ADDRESS:	2331 S Pullman Street
OPERATOR CITY:	Santa Ana
OPERATOR STATE:	California
OPERATOR ZIP:	92705
OPERATOR CONTACT NAME:	Michael Peterson
OPERATOR CONTACT TITLE:	Environmental Manager
OPERATOR CONTACT PHONE:	661-257-3535
OPERATOR CONTACT PHONE EXT:	1233
OPERATOR CONTACT EMAIL:	michael.peterson@pccairframe.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN FOOD SERVICE EQUIPMEN (Continued)

S101619783

DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	661-373-1069
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Santa Ana River
CERTIFIER NAME:	Michael Peterson
CERTIFIER TITLE:	VPGM
CERTIFICATION DATE:	11-JUL-17
PRIMARY SIC:	3721-Aircraft
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

CIWQS:

Agency:	Vince Bauerlein
Agency Address:	2331 S Pullman Street, Santa Ana, CA 92705
Place/Project Type:	Industrial - Aircraft
SIC/NAICS:	3721
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 30I025063
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	09/19/2014
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	1
Latitude:	33.71438
Longitude:	-117.84383

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

64
North
1/8-1/4
0.232 mi.
1225 ft.

FLUID RESEARCH CORP
15775 GATEWAY CIR
TUSTIN, CA 92780

RCRA-SQG **1014465420**
CAR000218909

Relative:
Higher

Actual:
70 ft.

RCRA-SQG:

Date form received by agency: 02/25/2015
Facility name: FLUID RESEARCH CORP
Facility address: 15775 GATEWAY CIR
TUSTIN, CA 92780
EPA ID: CAR000218909
Contact: DARRIN CLIFFORD
Contact address: 15775 GATEWAY CIR
TUSTIN, CA 92780
Contact country: US
Contact telephone: 714-258-2350
Contact email: DCLIFFORD@FLUIDRESEARCH.COM
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: ELLSWORTH CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/25/2013
Owner/Op end date: Not reported

Owner/operator name: ELLSWORTH CORP
Owner/operator address: W 129 N 10825 WASHINGTON DR
GERMANTOWN, WI 53022
Owner/operator country: US
Owner/operator telephone: 262-259-5900
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/25/2013
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLUID RESEARCH CORP (Continued)

1014465420

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
. Waste code:	212
. Waste name:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
. Waste code:	213
. Waste name:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
. Waste code:	214
. Waste name:	Unspecified solvent mixture
. Waste code:	221
. Waste name:	Waste oil and mixed oil
. Waste code:	281
. Waste name:	Adhesives
. Waste code:	331
. Waste name:	Off-specification, aged, or surplus organics
. Waste code:	513
. Waste name:	Empty containers less than 30 gallons
. Waste code:	724
. Waste name:	Liquids with lead > 500 mg/l
. Waste code:	731
. Waste name:	Liquids with polychlorinated biphenyls > 50 mg/l
. Waste code:	D002
. Waste name:	CORROSIVE WASTE
. Waste code:	D003
. Waste name:	REACTIVE WASTE
. Waste code:	D008
. Waste name:	LEAD
. Waste code:	U008
. Waste name:	2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)
. Waste code:	U009
. Waste name:	2-PROPENENITRILE (OR) ACRYLONITRILE
. Waste code:	U041
. Waste name:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLUID RESEARCH CORP (Continued)

1014465420

- . Waste code: U113
- . Waste name: 2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)
- . Waste code: U118
- . Waste name: 2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE
- . Waste code: U162
- . Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
- . Waste code: U188
- . Waste name: PHENOL
- . Waste code: U190
- . Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE
- . Waste code: U194
- . Waste name: 1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)
- . Waste code: U223
- . Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Historical Generators:

Date form received by agency: 05/04/2011

Site name: FLUID RESEARCH CORPORATION

Classification: Small Quantity Generator

- . Waste code: 135
- . Waste name: Unspecified aqueous solution
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D008
- . Waste name: LEAD

Violation Status: No violations found

K65
WNW
1/4-1/2
0.273 mi.
1442 ft.

PULLMAN/CARNEGIE INDS. CENTER
2401 PULLMAN STREET
SANTA ANA, CA

CPS-SLIC **S100946711**
N/A

Site 1 of 3 in cluster K

Relative:
Higher
Actual:
65 ft.

SLIC REG 8:
Type: Groundwater
Facility Status: Closed
Staff: WDM
Substance: VOCS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PULLMAN/CARNEGIE INDS. CENTER (Continued)

S100946711

Lead Agency: Regional Board
Location Code: SA-26
Thomas Bros Code: Not reported

K66
WNW
1/4-1/2
0.273 mi.
1442 ft.

TOLO, INC.
2401 SOUTH PULLMAN ST.
SANTA ANA, CA 92705

SEMS-ARCHIVE **1002853411**
CAD983659491

Site 2 of 3 in cluster K

Relative:
Higher

SEMS Archive:

Actual:
65 ft.

Site ID: 904781
EPA ID: CAD983659491
Cong District: 38
FIPS Code: 6059
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 9
Site ID: 904781
EPA ID: CAD983659491
Site Name: TOLO, INC.
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 2001-04-17 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 904781
EPA ID: CAD983659491
Site Name: TOLO, INC.
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1993-02-12 00:00:00
Finish Date: 1993-02-12 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 904781
EPA ID: CAD983659491
Site Name: TOLO, INC.
NPL: N
FF: N
OU: 0
Action Code: PA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOLO, INC. (Continued)

1002853411

Action Name: PA
SEQ: 1
Start Date: 1999-07-01 00:00:00
Finish Date: 2000-09-22 00:00:00
Qual: N
Current Action Lead: EPA Perf

K67
WNW
1/4-1/2
0.273 mi.
1442 ft.

TOLO INC
2401 PULLMAN ST
SANTA ANA, CA 92705

Site 3 of 3 in cluster K

CPS-SLIC **U001578272**
HIST UST **N/A**

Relative:
Higher
Actual:
65 ft.

CPS-SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 09/26/1990
Global Id: SLT8R0893972
Lead Agency: ORANGE COUNTY
Lead Agency Case Number: SLT8R089
Latitude: 33.713763
Longitude: -117.844973
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000023619
Facility Type: Other
Other Type: MANUFACTURER
Contact Name: GENE RUTHERFORD
Telephone: 7142618656
Owner Name: TOLO INV.
Owner Address: 2401 SO. PULLMAN
Owner City,St,Zip: SANTA ANA, CA 92705
Total Tanks: 0001

Tank Num: 001
Container Num: #1
Year Installed: 1975
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

68
SE
1/4-1/2
0.287 mi.
1517 ft.

**TUSTIN AIR FAC SCH. SITE/PARCELS 5,6,14
ARMSTRONG AVENUE/CARNEGIE AVENUE
TUSTIN, CA 92780**

**ENVIROSTOR S107737479
SCH N/A**

**Relative:
Lower**

ENVIROSTOR:

**Actual:
55 ft.**

Facility ID: 30970012
Status: Inactive - Needs Evaluation
Status Date: 05/13/2002
Site Code: 404282
Site Type: School Investigation
Site Type Detailed: School
Acres: 100
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: * Rebecca Chou
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.70751
Longitude: -117.8351
APN: NONE SPECIFIED
Past Use: * NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: SANTA ANA UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: SANTA ANA USD-PRPSED TUSTINE MARINE CORP
Alias Type: Alternate Name
Alias Name: TUSTIN AIR FAC SCH./PAR #5,6,14 (PROP)
Alias Type: Alternate Name
Alias Name: TUSTIN MARINE SITE/PAR #5,6,14 (PROP)
Alias Type: Alternate Name
Alias Name: 404282
Alias Type: Project Code (Site Code)
Alias Name: 30970012
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 05/10/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/13/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN AIR FAC SCH. SITE/PARCELS 5,6,14 (Continued)

S107737479

Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/11/2001
Comments: Not reported

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

SCH:

Facility ID: 30970012
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 100
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: * Rebecca Chou
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404282
Assembly: 68
Senate: 37
Special Program Status: Not reported
Status: Inactive - Needs Evaluation
Status Date: 05/13/2002
Restricted Use: NO
Funding: School District
Latitude: 33.70751
Longitude: -117.8351
APN: NONE SPECIFIED
Past Use: * NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: SANTA ANA UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: SANTA ANA USD-PRPSED TUSTINE MARINE CORP
Alias Type: Alternate Name
Alias Name: TUSTIN AIR FAC SCH./PAR #5,6,14 (PROP)
Alias Type: Alternate Name
Alias Name: TUSTIN MARINE SITE/PAR #5,6,14 (PROP)
Alias Type: Alternate Name
Alias Name: 404282
Alias Type: Project Code (Site Code)
Alias Name: 30970012
Alias Type: Envirostor ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN AIR FAC SCH. SITE/PARCELS 5,6,14 (Continued)

S107737479

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 05/10/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/13/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/11/2001
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

**69
NW
1/4-1/2
0.291 mi.
1534 ft.**

**TOSCO #30683 (FORMER UNOC
2350 PULLMAN
SANTA ANA, CA 92705**

**HIST CORTESE
NPDES
CIWQS**

**S105026407
N/A**

**Relative:
Higher**

HIST CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 3040

**Actual:
68 ft.**

NPDES:

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 8
Regulatory Measure Id: 449203
Order No: Not reported
Regulatory Measure Type: Industrial
Place Id: Not reported
WDID: 8 301025035
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO #30683 (FORMER UNOC (Continued))

S105026407

Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	09/02/2014
PROCESSED DATE:	09/02/2014
STATUS CODE NAME:	Active
STATUS DATE:	09/02/2014
PLACE SIZE:	2.18
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	George Teague
FACILITY CONTACT TITLE:	Plant Superintendent
FACILITY CONTACT PHONE:	949-261-7400
FACILITY CONTACT PHONE EXT:	248
FACILITY CONTACT EMAIL:	George.Teague@aryzta.com
OPERATOR NAME:	Aryzta LLC
OPERATOR ADDRESS:	2350 Pullman Street
OPERATOR CITY:	Santa Ana
OPERATOR STATE:	California
OPERATOR ZIP:	92705
OPERATOR CONTACT NAME:	Louis Ornelas
OPERATOR CONTACT TITLE:	EH Safety Manager
OPERATOR CONTACT PHONE:	949-261-7400
OPERATOR CONTACT PHONE EXT:	255
OPERATOR CONTACT EMAIL:	Louis.ornelas@aryzta.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	949-468-6875
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Unnamed Tributary leading to Peters Canyon Canal
CERTIFIER NAME:	Louis Ornelas
CERTIFIER TITLE:	EHS Manager
CERTIFICATION DATE:	29-APR-15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO #30683 (FORMER UNOC (Continued))

S105026407

PRIMARY SIC:	2051-Bread and Other Bakery Products, Except Cookies and Crackers
SECONDARY SIC:	2053-Frozen Bakery Products, Except Bread
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	449203
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I025035
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/02/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Aryzta LLC
Discharge Address:	2350 Pullman Street
Discharge City:	Santa Ana
Discharge State:	California
Discharge Zip:	92705
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO #30683 (FORMER UNOC (Continued))

S105026407

CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

CIWQS:

Agency:	Aryzta LLC
Agency Address:	2350 Pullman Street, Santa Ana, CA 92705
Place/Project Type:	Industrial - Bread and Other Bakery Products, Except Cookies and Crackers
SIC/NAICS:	Multiple
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 30I025035
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	09/02/2014
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.71434
Longitude:	-117.84489

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

70
SW
1/4-1/2
0.348 mi.
1837 ft.

HOLLY SUGAR CORPORATION
15671 E. DYER RD.
SANTA ANA, CA 92707

WMUDS/SWAT **S101049782**
N/A

Relative:
Lower

Actual:
51 ft.

WMUDS/SWAT:

Edit Date: Not reported
Complexity: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Base Meridian: SB
NPID: Not reported
Tonnage: 0
Regional Board ID: Not reported
Municipal Solid Waste: False
Superorder: False
Open To Public: False
Waste List: False
Agency Type: Not reported
Agency Name: HOLLY SUGAR CORPORATION
Agency Department: Not reported
Agency Address: Not reported
Agency City,St,Zip: Not reported
Agency Contact: Not reported
Agency Telephone: Not reported
Land Owner Name: HOLLY SUGAR CORPORATION
Land Owner Address: 100 CHASE STORE CENTER
Land Owner City,St,Zip: COLORADO SPRINGS, CO 80902
Land Owner Contact: Not reported
Land Owner Phone: 3034710123
Region: 8
Facility Type: Not reported
Facility Description: Not reported
Facility Telephone: Not reported
SWAT Facility Name: HOLLY SUGAR CORPORATION
Primary SIC: Not reported
Secondary SIC: Not reported
Comments: Not reported
Last Facility Editors: Not reported
Waste Discharge System: False
Solid Waste Assessment Test Program: True
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act: False
Department of Defence: False
Solid Waste Assessment Test Program: HOLLY SUGAR CORPORATION
Threat to Water Quality: Not reported
Sub Chapter 15: False
Regional Board Project Officer: MA
Number of WMUDS at Facility: 1
Section Range: 05S09W07
RCRA Facility: Not reported
Waste Discharge Requirements: Not reported
Self-Monitoring Rept. Frequency: Not reported
Waste Discharge System ID: 8 300064NUR
Solid Waste Information ID: 30-AB-0002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

L71
SW
1/4-1/2
0.361 mi.
1905 ft.

GE AVIATION AKA INTEGRATED AEROSPACE
2040 E DYER ROAD
SANTA ANA, CA 92705

Site 1 of 2 in cluster L

SEMS
RCRA-LQG

1015730662
CAD983608183

Relative:
Lower

Actual:
54 ft.

SEMS:
Site ID: 909137
EPA ID: CAD983608183
Cong District: Not reported
FIPS Code: 6059
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region: 9
Site ID: 909137
EPA ID: CAD983608183
Site Name: GE AVIATION AKA INTEGRATED AEROSPACE
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 2011-03-17 00:00:00
Finish Date: 3/17/2011
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 909137
EPA ID: CAD983608183
Site Name: GE AVIATION AKA INTEGRATED AEROSPACE
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 9/18/2013
Qual: L
Current Action Lead: EPA Perf

RCRA-LQG:

Date form received by agency: 01/12/2017
Facility name: INTEGRAL AEROSPACE, LLC
Facility address: 2040 EAST DYER RD
SANTA ANA, CA 92705
EPA ID: CAD983608183
Mailing address: EAST DYER RD
SANTA ANA, CA 92705
Contact: ALLISON B PACOUREK
Contact address: EAST DYER RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

Contact country: SANTA ANA, CA 92705
Contact telephone: US
Contact telephone: 714-651-5522
Contact email: ALLISON.PACOUREK@GE.COM
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: DRSSI LLC
Owner/operator address: LOCKPORT RD
NIAGRA FALLS, NY 14305
Owner/operator country: US
Owner/operator telephone: 716-284-0431
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/31/1997
Owner/Op end date: Not reported

Owner/operator name: INTEGRAL AEROPACE, LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2016
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

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
. Waste code:	122
. Waste name:	Alkaline solution without metals (pH > 12.5)
. Waste code:	134
. Waste name:	Aqueous solution with <10% total organic residues
. Waste code:	141
. Waste name:	Off-specification, aged, or surplus inorganics
. Waste code:	172
. Waste name:	Metal dust (see 121) and machining waste
. Waste code:	181
. Waste name:	Other inorganic solid waste
. Waste code:	212
. Waste name:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
. Waste code:	214
. Waste name:	Unspecified solvent mixture
. Waste code:	272
. Waste name:	Polymeric resin waste
. Waste code:	331
. Waste name:	Off-specification, aged, or surplus organics
. Waste code:	343
. Waste name:	Unspecified organic liquid mixture
. Waste code:	352
. Waste name:	Other organic solids
. Waste code:	491
. Waste name:	Unspecified sludge waste
. Waste code:	541
. Waste name:	Photochemicals / photo processing waste
. Waste code:	551
. Waste name:	Laboratory waste chemicals
. Waste code:	723
. Waste name:	Liquids with chromium (VI) > 500 mg/l
. Waste code:	791
. Waste name:	Liquids with pH < 2
. Waste code:	D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D005
- . Waste name: BARIUM
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F019
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Historical Generators:

- Date form received by agency: 11/04/2016
- Site name: SANTA ANA AVIATION SYSTEMS LLC
- Classification: Large Quantity Generator
- . Waste code: 122
 - . Waste name: Alkaline solution without metals (pH > 12.5)
 - . Waste code: 134
 - . Waste name: Aqueous solution with <10% total organic residues
 - . Waste code: 141
 - . Waste name: Off-specification, aged, or surplus inorganics
 - . Waste code: 172
 - . Waste name: Metal dust (see 121) and machining waste
 - . Waste code: 181
 - . Waste name: Other inorganic solid waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

- . Waste code: 212
- . Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

- . Waste code: 214
- . Waste name: Unspecified solvent mixture

- . Waste code: 272
- . Waste name: Polymeric resin waste

- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture

- . Waste code: 352
- . Waste name: Other organic solids

- . Waste code: 491
- . Waste name: Unspecified sludge waste

- . Waste code: 541
- . Waste name: Photochemicals / photo processing waste

- . Waste code: 551
- . Waste name: Laboratory waste chemicals

- . Waste code: 723
- . Waste name: Liquids with chromium (VI) > 500 mg/l

- . Waste code: 791
- . Waste name: Liquids with pH < 2

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F019
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Date form received by agency: 05/03/2016

Site name: GE AVIATION SYSTEMS LLC

Classification: Large Quantity Generator

- . Waste code: 122
- . Waste name: Alkaline solution without metals (pH > 12.5)
- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues
- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics
- . Waste code: 172
- . Waste name: Metal dust (see 121) and machining waste
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 212
- . Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
- . Waste code: 214
- . Waste name: Unspecified solvent mixture
- . Waste code: 272
- . Waste name: Polymeric resin waste
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 491
- . Waste name: Unspecified sludge waste
- . Waste code: 541
- . Waste name: Photochemicals / photo processing waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

- . Waste code: 551
- . Waste name: Laboratory waste chemicals

- . Waste code: 723
- . Waste name: Liquids with chromium (VI) > 500 mg/l

- . Waste code: 791
- . Waste name: Liquids with pH < 2

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F019
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

- Date form received by agency: 10/14/2013
- Site name: GE AVIATION
- Classification: Large Quantity Generator

- . Waste code: 121
- . Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

- . Waste code: 135

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

- . Waste name: Unspecified aqueous solution
- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 212
- . Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
- . Waste code: 222
- . Waste name: Oil/water separation sludge
- . Waste code: 223
- . Waste name: Unspecified oil-containing waste
- . Waste code: 271
- . Waste name: Organic monomer waste (includes unreacted resins)
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 461
- . Waste name: Degreasing sludge
- . Waste code: 541
- . Waste name: Photochemicals / photo processing waste
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
- . Waste code: 741
- . Waste name: Liquids with halogenated organic compounds > 1000 mg/l
- . Waste code: 791
- . Waste name: Liquids with pH < 2
- . Waste code: 792
- . Waste name: Liquids with pH < 2 with metals
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

- . Waste name: CHROMIUM
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Date form received by agency: 10/31/2012
- Site name: GE AVIATION SYSTEMS LLC
- Classification: Large Quantity Generator
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U188
. Waste name: PHENOL

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

Date form received by agency: 09/13/2010

Site name: SMITH'S AEROSPACE

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 07/28/2008

Site name: GE AVIATION

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D011
- . Waste name: SILVER

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/21/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

Site name:	SMITH'S AEROSPACE
Classification:	Large Quantity Generator
. Waste code:	D001
. Waste name:	IGNITABLE WASTE
. Waste code:	D002
. Waste name:	CORROSIVE WASTE
. Waste code:	D007
. Waste name:	CHROMIUM
. Waste code:	D008
. Waste name:	LEAD
. Waste code:	D011
. Waste name:	SILVER
. Waste code:	D018
. Waste name:	BENZENE
. Waste code:	D019
. Waste name:	CARBON TETRACHLORIDE
. Waste code:	D035
. Waste name:	METHYL ETHYL KETONE
. Waste code:	D039
. Waste name:	TETRACHLOROETHYLENE
. Waste code:	D040
. Waste name:	TRICHLOROETHYLENE
. Waste code:	F003
. Waste name:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
. Waste code:	F005
. Waste name:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
. Waste code:	U002
. Waste name:	2-PROPANONE (I) (OR) ACETONE (I)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

Date form received by agency: 02/17/2006

Site name: SMITHS AEROSPACE

Classification: Large Quantity Generator

. Waste code: 121

. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 134

. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 141

. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181

. Waste name: Other inorganic solid waste

. Waste code: 212

. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 213

. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

. Waste code: 331

. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352

. Waste name: Other organic solids

. Waste code: 461

. Waste name: Degreasing sludge

. Waste code: 741

. Waste name: Liquids with halogenated organic compounds > 1000 mg/l

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D007

. Waste name: CHROMIUM

. Waste code: D008

. Waste name: LEAD

. Waste code: D039

. Waste name: TETRACHLOROETHYLENE

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 12/08/2004

Site name: SMITHS AEROSPACE

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 06/03/2004

Site name: INTEGRATED AEROSPACE

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

- . Waste name: CORROSIVE WASTE
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Date form received by agency: 02/14/2002
- Site name: INTEGRATED AEROSPACE
- Classification: Large Quantity Generator
- . Waste code: 122
- . Waste name: Alkaline solution without metals (pH > 12.5)
- . Waste code: 123
- . Waste name: Unspecified alkaline solution
- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 212
- . Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
- . Waste code: 213
- . Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
- . Waste code: 272
- . Waste name: Polymeric resin waste
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 461
- . Waste name: Degreasing sludge

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

- . Waste code: 741
- . Waste name: Liquids with halogenated organic compounds > 1000 mg/l

- . Waste code: 791
- . Waste name: Liquids with pH < 2

- . Waste code: 792
- . Waste name: Liquids with pH < 2 with metals

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHTHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHTHLORETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 01/04/2001

Site name: INTEGRATED AEROSPACE SYSTEMS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Date form received by agency: 09/01/1996
Site name: INTEGRATED AEROSPACE SYSTEMS
Classification: Large Quantity Generator

Date form received by agency: 03/29/1996
Site name: DELRAN, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Site name: ENERGY CONTAINER COPR
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/29/2011
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/13/2004
Date achieved compliance: 06/28/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/09/2017
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/14/2016
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE AVIATION AKA INTEGRATED AEROSPACE (Continued)

1015730662

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/09/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/30/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/29/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/22/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/13/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/28/2004
Evaluation lead agency: State Contractor/Grantee

L72
SW
1/4-1/2
0.361 mi.
1905 ft.
Relative:
Lower
Actual:
54 ft.

BFM ENERGY PROD CORP
2040 E DYER RD
SANTA ANA, CA 92705
Site 2 of 2 in cluster L

CPS-SLIC:
Region: STATE
Facility Status: **Open - Remediation**
Status Date: 11/08/2017
Global Id: T0605900807
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.705489
Longitude: -117.8435979
Case Type: Cleanup Program Site
Case Worker: MB

CPS-SLIC **S101589008**
SWEEPS UST **N/A**
HIST UST
CA FID UST
Orange Co. Industrial Site
EMI
Financial Assurance
CIWQS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BFM ENERGY PROD CORP (Continued)

S101589008

Local Agency: SANTA ANA, CITY OF
RB Case Number: 083001019T
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

SWEEPS UST:

Status: Not reported
Comp Number: 58
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000058-000001
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 1

HIST UST:

File Number: 0002EAC1
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EAC1.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:](#)

CA FID UST:

Facility ID: 30000846
Regulated By: UTKNI
Regulated ID: 00040345

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BFM ENERGY PROD CORP (Continued)

S101589008

Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7142501010
Mail To: Not reported
Mailing Address: 2040 E DYER RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 927055777
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

Orange Co. Industrial Site:

Case ID: 88IC092
Record ID: RO0000173
Current Status: CLOSED 5/14/2004
Closure Type: Voluntary Cleanup Program Termination
Released Chemical: CHROMIUM COMPOUNDS; ORGANIC COMPOUNDS

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 2512
Air District Name: SC
SIC Code: 3444
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: 8
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

CA Financial Assurance 1:

EPA ID Number: CAD983608183
Sudden Amount1: Not reported
Non Sudden Amount1: Not reported
Closure Mechanism: Not reported
Closure Amount: Not reported
Post Closure Mechanism: Not reported
Post Closure Amount: Not reported
Corrective Action Mechanism: Not reported
Corrective Action Amount: Not reported
Sudden Mechanism Type: Not reported
Sudden Mechanism Amount: Not reported
Non Sudden Mechanism Type: Not reported
Non Sudden Mechanism Amount: Not reported
O and M Mechanism Type: Not reported
O and M Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BFM ENERGY PROD CORP (Continued)

S101589008

Closure Mechanism Date of Mechanism:	Not reported
Closure Mechanism Renewal Date:	Not reported
Closure Mechanism Provider:	Not reported
Postclosure Mechanism Date of Mechanism:	Not reported
Postclosure Mechanism Renewal Date:	Not reported
Postclosure Mechanism Provider:	Not reported
O and M Mechanism Date of Mechanism:	Not reported
O and M Mechanism Renewal Date:	Not reported
O and M Mechanism Provider:	Not reported
Corrective Action Mechanism Date of Mechanism:	Not reported
Corrective Action Mechanism Renewal Date:	Not reported
Corrective Action Mechanism Provider:	Not reported
Sudden Mechanism Date of Mechanism:	Not reported
Sudden Mechanism Renewal Date:	Not reported
Sudden Mechanism Provider:	Not reported
Non-Sudden Mechanism Date of Mechanism:	Not reported
Non-Sudden Mechanism Renewal Date:	Not reported
Non-Sudden Mechanism Provider:	Not reported
Date Entered into EnviroStor:	2017-06-29 00:00:00
Authorization Type:	Cleanup
Comments:	Envirostor says project status: refer to EPA-Orange County CUPA is handling FA; 4/3

CIWQS:

Agency:	BFM Energy Product Corp
Agency Address:	2040 E Dyer Rd, Santa Ana, CA 92705
Place/Project Type:	Industrial - Special Industry Machinery, NEC
SIC/NAICS:	3559
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 30I002624
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/01/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.70688
Longitude:	-117.84525
Agency:	BFM Energy Product Corp
Agency Address:	2040 E Dyer Rd, Santa Ana, CA 92705
Place/Project Type:	Industrial - Electrical Machinery, Equipment, and Supplies, NEC
SIC/NAICS:	Multiple
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 30I002623

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BFM ENERGY PROD CORP (Continued)

S101589008

NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 04/01/1992
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.70688
Longitude: -117.84525

73
SSW
1/4-1/2
0.371 mi.
1961 ft.

Relative:
Lower

Actual:
50 ft.

GRAPHIC PACKAGING INTERNATIONAL INC
1600 BARRANCA PKWY
IRVINE, CA 92606

RCRA-SQG 1000395867
LUST CAD076055326
AST
HIST UST
EMI
NPDES
WDS
CIWQS

RCRA-SQG:

Date form received by agency: 12/02/2008
Facility name: GRAPHIC PACKAGING INTERNATIONAL INC
Facility address: 1600 BARRANCA PKWY
IRVINE, CA 92606

EPA ID: CAD076055326
Contact: WAYNE REICHENTHALER
Contact address: 1600 BARRANCA PKWY
IRVINE, CA 92606

Contact country: US
Contact telephone: 949-250-7568
Contact email: WAYNE.REICHENTHALER@GRAPHICPKG.COM
EPA Region: 09
Land type: Private
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: GRAPHIC PACKAGING INTERNATIONAL INC
Owner/operator address: 835 A 1 FRANKLIN CT
MARIETTA, GA 30067

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/30/2008
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Owner/operator name: GRAPHIC PACKAGING INTERNATIONAL INC
Owner/operator address: Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/30/2008
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

Historical Generators:

Date form received by agency: 07/09/2007
Site name: BLUEGRASS FOLDING CARTON COMPANY LLC
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Date form received by agency: 08/30/2006
Site name: BLUEGRASS FOLDING CARTON COMPANY LLC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Date form received by agency: 06/07/2006
Site name: SMURFIT - STONE CONTAINER ENTERPRISES
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Date form received by agency: 02/21/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Site name: JEFFERSON SMURFIT CORPORATION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Date form received by agency: 02/21/2002

Site name: JEFFERSON SMURFIT CORP
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000

Site name: JEFFERSON SMURFIT CORPORATION (IRVINE)
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999

Site name: JEFFERSON SMURFIT CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 11/25/1997

Site name: JEFFERSON SMURFIT CORP
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

Date form received by agency: 10/23/1996

Site name: JEFFERSON SMURFIT CORP
Classification: Small Quantity Generator

Date form received by agency: 09/01/1996

Site name: JEFFERSON SMURFIT CORP
Classification: Small Quantity Generator

Date form received by agency: 02/21/1996

Site name: CONTAINER CORPORATION OF AMERICA
Classification: Large Quantity Generator

Date form received by agency: 04/01/1994

Site name: CONTAINER CORP. OF AMERICA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Classification: Large Quantity Generator

Date form received by agency: 03/20/1992

Site name: CONTAINER CORP. OF AMERICA

Classification: Large Quantity Generator

Date form received by agency: 04/12/1990

Site name: CONTAINER CORPORATION OF AMERICA

Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/08/2006
Date achieved compliance: 06/26/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/08/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/08/2006
Date achieved compliance: 06/26/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/08/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/26/2006
Evaluation lead agency: Local

Evaluation date: 06/23/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/28/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/26/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/25/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

LUST:

Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900479
Global Id: T0605900479
Latitude: 33.704953463
Longitude: -117.8432648
Status: Completed - Case Closed
Status Date: 12/10/2005
Case Worker: CAB
RB Case Number: 083000594T
Local Agency: ORANGE COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Alcohols
Site History: Not reported

LUST:

Global Id: T0605900479
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605900479
Contact Type: Local Agency Caseworker
Contact Name: LUIS LODRIGUEZA
Organization Name: ORANGE COUNTY
Address: 2009 E. EDINGER AVE.
City: SANTA ANA
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0605900479
Action Type: ENFORCEMENT
Date: 07/08/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900479
Action Type: ENFORCEMENT
Date: 08/08/2011
Action: Staff Letter

Global Id: T0605900479
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Date:	07/18/2002
Action:	Staff Letter
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	01/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	01/30/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	02/28/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0605900479
Action Type:	REMEDIATION
Date:	10/06/1989
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	03/29/2002
Action:	Other Report / Document
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	10/30/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	01/30/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	01/30/2010
Action:	Soil and Water Investigation Report
Global Id:	T0605900479
Action Type:	Other
Date:	07/06/1987
Action:	Leak Reported
Global Id:	T0605900479
Action Type:	ENFORCEMENT
Date:	09/23/1986
Action:	Administrative Civil Liabilities Order
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	12/10/2005
Action:	Soil and Water Investigation Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Global Id:	T0605900479
Action Type:	RESPONSE
Date:	12/30/2006
Action:	Other Workplan
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	01/30/2009
Action:	Monitoring Report - Annually
Global Id:	T0605900479
Action Type:	ENFORCEMENT
Date:	12/13/2011
Action:	Notification - Public Notice of Case Closure
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	04/18/2003
Action:	Unknown
Global Id:	T0605900479
Action Type:	RESPONSE
Date:	01/30/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605900479
Action Type:	Other
Date:	03/01/1987
Action:	Leak Discovery
Global Id:	T0605900479
Action Type:	ENFORCEMENT
Date:	01/27/2012
Action:	Staff Letter
Global Id:	T0605900479
Action Type:	ENFORCEMENT
Date:	03/27/2012
Action:	Closure/No Further Action Letter
Global Id:	T0605900479
Action Type:	ENFORCEMENT
Date:	09/04/2008
Action:	Verbal Enforcement

LUST:

Global Id:	T0605900479
Status:	Open - Case Begin Date
Status Date:	09/23/1986
Global Id:	T0605900479
Status:	Open - Site Assessment
Status Date:	08/27/1987
Global Id:	T0605900479
Status:	Open - Remediation
Status Date:	10/06/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Global Id:	T0605900479
Status:	Open - Verification Monitoring
Status Date:	08/31/1996
Global Id:	T0605900479
Status:	Open - Remediation
Status Date:	12/18/2000
Global Id:	T0605900479
Status:	Open - Verification Monitoring
Status Date:	01/23/2001
Global Id:	T0605900479
Status:	Completed - Case Closed
Status Date:	12/10/2005
Global Id:	T0605900479
Status:	Open - Verification Monitoring
Status Date:	12/10/2005
Global Id:	T0605900479
Status:	Open - Verification Monitoring
Status Date:	12/10/2005

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	87UT074
Released Substance:	Solvents
Date Closed:	01/01/1992
Record ID:	RO0002621

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Remediation Plan
Case Number:	083000594T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Isopropyl Alcohol
Qty Leaked:	Not reported
Abate Method:	Pump and Treat Ground Water - generally employed to remove dissolved contaminants
Cross Street:	RED HILL
Enf Type:	SEL
Funding:	State Funds
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0605900479
How Stopped Date:	Not reported
Enter Date:	8/27/1987
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Discover Date:	3/1/1987
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	8/27/1987
Date Remediation Plan Submitted:	12/18/2000
Date Remedial Action Underway:	10/6/1989
Date Post Remedial Action Monitoring:	8/31/1996
Enter Date:	8/27/1987
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.70495346
Longitude:	-117.8432648
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:	LAL
Lead Agency:	Regional Board
Local Agency:	30000
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	ONGOING GW EXTRACTION & TREATMENT. GW MONITORING REPORTS SUBMITTED QTRLY. 7/31/96 - DISCUSSED SITE CLOSURE W/ EST. EST WILL SUBMIT REQUEST W/ NEXT QTRLY GW REPORT.

AST:

Certified Unified Program Agencies:	Orange
Owner:	ALTIVITY PACKAGING
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

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

HIST UST:

File Number: 0002E7F7
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E7F7.pdf>
Region: STATE
Facility ID: 00000014497
Facility Type: Other
Other Type: FOLDING CARTON MFG.
Contact Name: JOHN M. LINDHOLM
Telephone: 7142500900
Owner Name: CONTAINER CORPORATION OF AMERI
Owner Address: ONE FIRST NATIONAL PLAZA
Owner City,St,Zip: CHICAGO, IL 60670
Total Tanks: 0008

Tank Num: 001
Container Num: 1
Year Installed: 1980
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1980
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1980
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: 1980
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: 1980
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: 6
Year Installed: 1980
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Stock Inventor

Tank Num: 007
Container Num: 7
Year Installed: 1980
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Stock Inventor

Tank Num: 008
Container Num: 8
Year Installed: 1978
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 5/16
Leak Detection: Stock Inventor

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

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 2653
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: 127
Reactive Organic Gases Tons/Yr: 127
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 2653
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: 110
Reactive Organic Gases Tons/Yr: 107
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1993
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 3411
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: 43
Reactive Organic Gases Tons/Yr: 43
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 3411
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: 43
Reactive Organic Gases Tons/Yr: 43
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 3411

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

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: 89
Reactive Organic Gases Tons/Yr: 87
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 2657
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: 68
Reactive Organic Gases Tons/Yr: 68
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

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 2657
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: 68
Reactive Organic Gases Tons/Yr: 68
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

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 2657
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: 68
Reactive Organic Gases Tons/Yr: 68
Carbon Monoxide Emissions Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

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

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 2657
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: 68
Reactive Organic Gases Tons/Yr: 68
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

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 2657
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: B
Total Organic Hydrocarbon Gases Tons/Yr: 55
Reactive Organic Gases Tons/Yr: 55
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

Year: 2002
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 2657
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: 52
Reactive Organic Gases Tons/Yr: 51
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

Year: 2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 2657
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: 52
Reactive Organic Gases Tons/Yr: 51
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

Year: 2004
County Code: 30
Air Basin: SC
Facility ID: 7089
Air District Name: SC
SIC Code: 2657
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 52.109957
Reactive Organic Gases Tons/Yr: 50.93
Carbon Monoxide Emissions Tons/Yr: 0.0534
NOX - Oxides of Nitrogen Tons/Yr: 0.198
SOX - Oxides of Sulphur Tons/Yr: 0.00127
Particulate Matter Tons/Yr: 0.0114
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.01

NPDES:

Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 8
Regulatory Measure Id: 355987
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 30I021957
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 12/16/2008
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Graphic Packaging International
Discharge Address: 1600 Barranca Parkway
Discharge City: Irvine
Discharge State: California
Discharge Zip: 92606
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERCIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Regulatory Measure Id:	355987
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30I021957
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	11/24/2008
PROCESSED DATE:	12/16/2008
STATUS CODE NAME:	Active
STATUS DATE:	12/16/2008
PLACE SIZE:	15
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Wayne Reichenthaler
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	949-250-7568
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	wayne.reichenthaler@graphicpkg.com
OPERATOR NAME:	Graphic Packaging International
OPERATOR ADDRESS:	1600 Barranca Parkway
OPERATOR CITY:	Irvine
OPERATOR STATE:	California
OPERATOR ZIP:	92606
OPERATOR CONTACT NAME:	Juan Orozco
OPERATOR CONTACT TITLE:	Plant Manager
OPERATOR CONTACT PHONE:	949-250-7519
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Juan.Orozco@graphicpkg.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: Peters Canyon Channel / San Diego Creek
CERTIFIER NAME: Peter Miller
CERTIFIER TITLE: Plant Manager
CERTIFICATION DATE: 06-FEB-15
PRIMARY SIC: 2657-Folding Paperboard Boxes, Including Sanitary
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 8
Regulatory Measure Id: 428811
Order No: Not reported
Regulatory Measure Type: Construction
Place Id: Not reported
WDID: 8 30C364046
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 09/05/2013
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 07/09/2012
PROCESSED DATE: 07/12/2012
STATUS CODE NAME: Terminated
STATUS DATE: 09/20/2013
PLACE SIZE: 2.41
PLACE SIZE UNIT: Acres
FACILITY CONTACT NAME: Peter Miller
FACILITY CONTACT TITLE: Plant Manager
FACILITY CONTACT PHONE: 949-250-7519
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: peter.miller@graphicpkg.com
OPERATOR NAME: Graphic Packaging International
OPERATOR ADDRESS: 1600 Barranca Parkway
OPERATOR CITY: Irvine
OPERATOR STATE: California
OPERATOR ZIP: 92606
OPERATOR CONTACT NAME: Peter Miller
OPERATOR CONTACT TITLE: Plant Manager
OPERATOR CONTACT PHONE: 949-250-7519
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: peter.miller@graphicpkg.com
OPERATOR TYPE: Private Business
DEVELOPER NAME: Graphic Packaging International

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

DEVELOPER ADDRESS: 1600 Barranca Parkway
DEVELOPER CITY: Irvine
DEVELOPER STATE: California
DEVELOPER ZIP: 92606
DEVELOPER CONTACT NAME: Peter Miller
DEVELOPER CONTACT TITLE: Plant Manager
CONSTYPE LINEAR UTILITY IND: N
EMERGENCY PHONE NO: 949-250-7519
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: Not reported
CONSTYPE BELOW GROUND IND: Not reported
CONSTYPE CABLE LINE IND: Not reported
CONSTYPE COMM LINE IND: Not reported
CONSTYPE COMMERTIAL IND: Not reported
CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
CONSTYPE INDUSTRIAL IND: Y
CONSTYPE OTHER DESCRIPTION: Not reported
CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: Line Channel
CERTIFIER NAME: Peter Miller
CERTIFIER TITLE: Not reported
CERTIFICATION DATE: 09-JUL-12
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

WDS:

Facility ID: Santa Ana River 30I006316
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: 9492500900
Facility Contact: STEVE OR CHARLES
Agency Name: JEFFERSON SMURFIT CORP IRVINE
Agency Address: 1600 BARRABCA PKWY
Agency City,St,Zip: IRVINE 926064823
Agency Contact: CHARLES WALTON
Agency Telephone: 9492500900
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Agency: Jefferson Smurfit Corp
Agency Address: 1600 Barranca Pkwy, Irvine, CA 92606
Place/Project Type: Industrial - Folding Paperboard Boxes, Including Sanitary
SIC/NAICS: 2657
Region: 8
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 30I006316
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: Not reported
Termination Date: 05/01/2006
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.70469
Longitude: -117.8421

Agency: Graphic Packaging International
Agency Address: 1600 Barranca Parkway, Irvine, CA 92606
Place/Project Type: Industrial - Folding Paperboard Boxes, Including Sanitary
SIC/NAICS: 2657
Region: 8
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAPHIC PACKAGING INTERNATIONAL INC (Continued)

1000395867

Order Number: 2014-0057-DWQ
WDID: 8 30I021957
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 12/16/2008
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.70469
Longitude: -117.8421

Agency: Graphic Packaging International
Agency Address: 1600 Barranca Parkway, Irvine, CA 92606
Place/Project Type: Construction - Industrial
SIC/NAICS: Not reported
Region: 8
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 8 30C364046
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 07/12/2012
Termination Date: 09/05/2013
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.703787
Longitude: -117.842628

M74
NW
1/4-1/2
0.437 mi.
2308 ft.
Relative:
Higher
Actual:
70 ft.

WEST COAST COATINGS
2209 S LYON ST
SANTA ANA, CA 92705
Site 1 of 2 in cluster M

RCRA-SQG
LUST
Orange Co. Industrial Site
ICIS
FINDS
ECHO
HAZNET
NPDES
PEST LIC
CIWQS

1001122742
CAR000015750

RCRA-SQG:
Date form received by agency: 10/22/1996
Facility name: WEST COAST COATINGS
Facility address: 2209 S LYON ST
SANTA ANA, CA 92705
EPA ID: CAR000015750
Contact: MICHAEL BARR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

Contact address: 2209 S LYON ST
SANTA ANA, CA 92705
Contact country: US
Contact telephone: 714-444-9557
Contact email: Not reported
EPA Region: 09
Land type: Private
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: MP STEEL INC
Owner/operator address: 2209 S LYON ST
SANTA ANA, CA 92705
Owner/operator country: Not reported
Owner/operator telephone: 714-444-9557
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 10/22/1996
Site name: WEST COAST COATINGS
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 12/28/2000
Evaluation: NOT A SIGNIFICANT NON-COMPLIER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

LUST:

Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900175
Global Id: T0605900175
Latitude: 33.7177336
Longitude: -117.8455739
Status: Completed - Case Closed
Status Date: 10/15/1996
Case Worker: CAB
RB Case Number: 083000228T
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: Dichloroethane (DCA), Dichloroethene (DCE), Tetrachloroethylene (PCE), Trichloroethylene (TCE),
Site History: Not reported

LUST:

Global Id: T0605900175
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605900175
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

LUST:

Global Id: T0605900175
Action Type: ENFORCEMENT
Date: 10/15/1996
Action: Closure/No Further Action Letter

Global Id: T0605900175
Action Type: Other
Date: 01/21/1987
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

Global Id: T0605900175
Action Type: Other
Date: 09/15/1986
Action: Leak Discovery

LUST:

Global Id: T0605900175
Status: Open - Case Begin Date
Status Date: 09/15/1986

Global Id: T0605900175
Status: Open - Site Assessment
Status Date: 08/24/1987

Global Id: T0605900175
Status: Open - Site Assessment
Status Date: 12/14/1987

Global Id: T0605900175
Status: Completed - Case Closed
Status Date: 10/15/1996

Orange Co. Industrial Site:

Case ID: 00IC023
Record ID: RO0000017
Current Status: CLOSED 10/26/2009
Closure Type: Closure certification issued
Released Chemical: CHROMIUM COMPOUNDS

ICIS:

Enforcement Action ID: 09-2001-0017
FRS ID: 110002914507
Action Name: MP STEEL INCORPORATED
Facility Name: WEST COAST COATINGS
Facility Address: 2209 S LYON ST
SANTA ANA, CA 92705
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 3008A
Facility SIC Code: 3471
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.717641
Longitude in Decimal Degrees: -117.845866
Permit Type Desc: Not reported
Program System Acronym: 12175
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: WEST COAST COATINGS
Address: 2209 S LYON ST
Tribal Indicator: N
Fed Facility: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

NAIC Code: Not reported
SIC Code: 3471

Facility Name: WEST COAST COATINGS
Address: 2209 S LYON ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: WEST COAST COATINGS
Address: 2209 S LYON ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

FINDS:

Registry ID: 110002914507

Environmental Interest/Information System

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

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

ECHO:

Envid: 1001122742
Registry ID: 110002914507
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002914507>

HAZNET:

envid: 1001122742
Year: 2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

GEPAID: CAR000015750
Contact: MIKE BARR-VICE PRES
Telephone: 7144449557
Mailing Name: Not reported
Mailing Address: 2209 S LYON ST
Mailing City,St,Zip: SANTA ANA, CA 927055305
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 1.14
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1001122742
Year: 2000
GEPAID: CAR000015750
Contact: MIKE BARR-VICE PRES
Telephone: 7144449557
Mailing Name: Not reported
Mailing Address: 2209 S LYON ST
Mailing City,St,Zip: SANTA ANA, CA 927055305
Gen County: Not reported
TSD EPA ID: CAR080022148
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Transfer Station
Tons: 0.68
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1001122742
Year: 2000
GEPAID: CAR000015750
Contact: MIKE BARR-VICE PRES
Telephone: 7144449557
Mailing Name: Not reported
Mailing Address: 2209 S LYON ST
Mailing City,St,Zip: SANTA ANA, CA 927055305
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 13.76
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1001122742
Year: 2000
GEPAID: CAR000015750
Contact: MIKE BARR-VICE PRES
Telephone: 7144449557

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

Mailing Name: Not reported
Mailing Address: 2209 S LYON ST
Mailing City,St,Zip: SANTA ANA, CA 927055305
Gen County: Not reported
TSD EPA ID: CAR080022148
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 1.14
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1001122742
Year: 2000
GEPAID: CAR000015750
Contact: MIKE BARR-VICE PRES
Telephone: 7144449557
Mailing Name: Not reported
Mailing Address: 2209 S LYON ST
Mailing City,St,Zip: SANTA ANA, CA 927055305
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Transfer Station
Tons: 0.22
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

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

NPDES:

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 8
Regulatory Measure Id: 451148
Order No: Not reported
Regulatory Measure Type: Industrial
Place Id: Not reported
WDID: 8 30I025152
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 11/20/2014
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 11/20/2014
PROCESSED DATE: 11/20/2014
STATUS CODE NAME: Terminated

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

STATUS DATE:	01/12/2015
PLACE SIZE:	7000
PLACE SIZE UNIT:	SqFt
FACILITY CONTACT NAME:	Robert Chavez
FACILITY CONTACT TITLE:	President
FACILITY CONTACT PHONE:	714-955-2040
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	BC Metal Recycling Inc
OPERATOR ADDRESS:	2209 S Lyon St
OPERATOR CITY:	Santa Ana
OPERATOR STATE:	California
OPERATOR ZIP:	92705
OPERATOR CONTACT NAME:	Robert Chavez
OPERATOR CONTACT TITLE:	President
OPERATOR CONTACT PHONE:	714-955-2040
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Santa Ana River
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	5093-Scrap and Waste Materials
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Terminated
Agency Id:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

Region:	8
Regulatory Measure Id:	452170
Order No:	Not reported
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30MR000056
Program Type:	Region 8 - Scrap Metal Permit
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/19/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	07/23/2016
Discharge Name:	BC Metal Recycling Inc
Discharge Address:	2209 S Lyon Street
Discharge City:	Santa Ana
Discharge State:	California
Discharge Zip:	92705
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	452170
Order No:	Not reported
Regulatory Measure Type:	Region 8 - Scrap Metal Permit
Place Id:	Not reported
WDID:	8 30MR000056
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	07/23/2016
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	02/11/2015
PROCESSED DATE:	02/19/2015
STATUS CODE NAME:	Terminated
STATUS DATE:	08/08/2016
PLACE SIZE:	7000
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Robert Chavez
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	714-955-2040
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	bcinmaui@yahoo.com
OPERATOR NAME:	BC Metal Recycling Inc
OPERATOR ADDRESS:	2209 S Lyon Street
OPERATOR CITY:	Santa Ana
OPERATOR STATE:	California
OPERATOR ZIP:	92705
OPERATOR CONTACT NAME:	Robert Chavez
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	714-955-2040
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	bcinmaui@yahoo.com
OPERATOR TYPE:	Private Business

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERCIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Santa Ana River
CERTIFIER NAME:	Robert Chavez
CERTIFIER TITLE:	President
CERTIFICATION DATE:	11-FEB-15
PRIMARY SIC:	5093-Scrap and Waste Materials
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

PEST LIC:

Facility Type:	QAL
Categories:	B
License No:	141304
Issued or Renewed Date:	01/06/2018
Expiration Date:	12/31/2019

Facility Type:	QAL
Categories:	B
License No:	143606
Issued or Renewed Date:	06/29/2017
Expiration Date:	12/31/2018

CIWQS:

Agency:	BC Metal Recycling Inc
Agency Address:	2209 S Lyon St, Santa Ana, CA 92705
Place/Project Type:	Industrial - Scrap and Waste Materials
SIC/NAICS:	5093
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

1001122742

Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 30I025152
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 11/20/2014
Termination Date: 11/20/2014
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.71712
Longitude: -117.84547

Agency: BC Metal Recycling Inc
Agency Address: 2209 S Lyon Street, Santa Ana, CA 92705
Place/Project Type: Industrial - Scrap and Waste Materials
SIC/NAICS: 5093
Region: 8
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Region 8 - Scrap Metal Permit
Order Number: R8-2012-0012
WDID: 8 30MR000056
NPDES Number: CAG618001
Adoption Date: Not reported
Effective Date: 02/19/2015
Termination Date: 07/23/2016
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 2
Violations within 5 years: 2
Latitude: 33.717359
Longitude: -117.845495

**M75
NW
1/4-1/2
0.437 mi.
2308 ft.**

**WEST COAST COATINGS
2209 SOUTH LYON STREET
SANTA ANA, CA 92705**

Site 2 of 2 in cluster M

**ENVIROSTOR S101300016
LUST N/A
CHMIRS
HIST CORTESE**

**Relative:
Higher
Actual:
70 ft.**

ENVIROSTOR:
Facility ID: 30280536
Status: Refer: 1248 Local Agency
Status Date: 11/02/2000
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

S101300016

Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 33.71709
Longitude: -117.8454
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30280536
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification
Completed Date: 11/02/2000
Comments: DTSC is not involved with this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/18/2011
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

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000228T
Local Case Num: Not reported
Case Type: Aquifer affected
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Cross Street: RITCHEY
Enf Type: Not reported
Funding: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

S101300016

How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0605900175
How Stopped Date:	Not reported
Enter Date:	6/10/1987
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	9/15/1986
Enforcement Date:	Not reported
Close Date:	10/15/1996
Date Prelim Assessment Workplan Submitted:	8/24/1987
Date Pollution Characterization Began:	12/14/1987
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	6/10/1987
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	LUST
Latitude:	33.7177336
Longitude:	-117.8455739
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:	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:	3/26/91 - NEED TO GET UPDATE FROM RP. WAS ANYTHING DONE? 3/29/96 - BENZENE UP TO 1.8 UG/L, TCE UP TO 260 UG/L, PCE UP TO 84 UG/L

CHMIRS:

OES Incident Number:	10-7566
OES notification:	12/17/2010
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

S101300016

Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personnel # Of Decontaminated:	Not reported
Responding Agency Personnel # Of Injuries:	Not reported
Responding Agency Personnel # 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:	Storm Drain
Spill Site:	Merchant/Business
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Unknown
Other:	Not reported
Date/Time:	700
Year:	2010
Agency:	Citizen
Incident Date:	12/17/2010
Admin Agency:	Not reported
Amount:	Not reported
Contained:	No
Site Type:	Storm Drain
E Date:	Not reported
Substance:	Cutting Oil (Lubricant) Aluminum and Titanium Machining Chips
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:	Caller states a metal recycling yard has materials come in covered in lubricants. Caller states recycler has no means to store substance. Caller states substance is running down the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST COAST COATINGS (Continued)

S101300016

street into the storm drain. Caller states this occurs everytime it rains for approximately the last year.

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000228T

N76
South
1/4-1/2
0.441 mi.
2331 ft.
IRVINE BUSINESS CENTER
16520 ASTON ST
IRVINE, CA 92714
Site 1 of 4 in cluster N

LUST **U001577417**
HIST UST **N/A**

Relative:
Lower
Actual:
48 ft.

LUST:

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901286
Global Id: T0605901286
Latitude: 33.7011792
Longitude: -117.8439999
Status: Completed - Case Closed
Status Date: 07/23/1993
Case Worker: JW
RB Case Number: 083001700T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 90UT264
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:

Global Id: T0605901286
Contact Type: Local Agency Caseworker
Contact Name: JULIE WOZENCRAFT
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: jwozencraft@ochca.com
Phone Number: 7144336252

Global Id: T0605901286
Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: nolson-martin@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0605901286
Action Type: Other
Date: 11/28/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IRVINE BUSINESS CENTER (Continued)

U001577417

Action: Leak Discovery

Global Id: T0605901286

Action Type: Other

Date: 11/28/1990

Action: Leak Reported

LUST:

Global Id: T0605901286

Status: Open - Case Begin Date

Status Date: 11/28/1990

Global Id: T0605901286

Status: Completed - Case Closed

Status Date: 07/23/1993

ORANGE CO. LUST:

Region: ORANGE

Facility Id: 90UT264

Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4

Date Closed: 07/23/1993

Record ID: RO0000888

LUST REG 8:

Region: 8

County: Orange

Regional Board: Santa Ana Region

Facility Status: Case Closed

Case Number: 083001700T

Local Case Num: 90UT264

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: T0605901286

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: 11/28/1990

Enforcement Date: Not reported

Close Date: 7/23/1993

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IRVINE BUSINESS CENTER (Continued)

U001577417

GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7011792
Longitude:	-117.8439999
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:	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:

File Number:	0002EDBB
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EDBB.pdf
Region:	STATE
Facility ID:	00000053190
Facility Type:	Other
Other Type:	PERSONAL
Contact Name:	Not reported
Telephone:	7148516851
Owner Name:	SHAW, TALBOT AND CALDWELL
Owner Address:	P.O. 8444
Owner City,St,Zip:	NEWPORT BEACH, CA 92658
Total Tanks:	0001

Tank Num:	001
Container Num:	1
Year Installed:	1978
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

N77
South
1/4-1/2
0.441 mi.
2331 ft.

IRVINE BUSINESS CENTER IN
16520 ASTON
IRVINE, CA

HIST CORTESE **S104160896**
N/A

Site 2 of 4 in cluster N

Relative:
Lower

HIST CORTESE:

Region: CORTESE

Actual:
48 ft.

Facility County Code:

30

Reg By:

LTNKA

Reg Id:

083001700T

O78
NNW
1/4-1/2
0.455 mi.
2401 ft.

ORCO TOOLS AND EQUIPMENT
2100 RITCHEY ST
SANTA ANA, CA 92705

LUST **S106784799**
N/A

Site 1 of 2 in cluster O

Relative:
Higher

LUST:

Lead Agency:

SANTA ANA RWQCB (REGION 8)

Case Type:

LUST Cleanup Site

Geo Track:

http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902142

Global Id:

T0605902142

Latitude:

33.7189163626667

Longitude:

-117.842332966667

Status:

Open - Site Assessment

Status Date:

03/10/2009

Case Worker:

VJB

RB Case Number:

083003145T

Local Agency:

Not reported

File Location:

Regional Board

Local Case Number:

Not reported

Potential Media Affect:

Aquifer used for drinking water supply, Other Groundwater (uses other than drinking water)

Potential Contaminants of Concern:

Diesel

Site History:

Environmental reports pertaining to subsurface investigations/testing and site remediation performed in conjunction with this project, as well as the Regional Board case file, should be reviewed in their entirety to obtain further details regarding this cleanup effort. Regional Board staff are not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants working for the responsible party.

LUST:

Global Id:

T0605902142

Contact Type:

Regional Board Caseworker

Contact Name:

VALERIE JAHN-BULL

Organization Name:

SANTA ANA RWQCB (REGION 8)

Address:

3737 MAIN STREET, SUITE 500

City:

RIVERSIDE

Email:

valerie.jahn-bull@waterboards.ca.gov

Phone Number:

9517824903

LUST:

Global Id:

T0605902142

Action Type:

RESPONSE

Date:

12/15/2009

Action:

Verbal Communication

Global Id:

T0605902142

Action Type:

ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORCO TOOLS AND EQUIPMENT (Continued)

S106784799

Date:	03/13/2007
Action:	Staff Letter
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	08/13/2008
Action:	Verbal Enforcement
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	08/21/2013
Action:	Verbal Enforcement
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	04/30/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	07/01/2014
Action:	Soil and Water Investigation Report
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	04/08/2015
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	02/03/2009
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	06/30/2009
Action:	Verbal Enforcement
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	07/08/2009
Action:	Verbal Enforcement
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	10/11/2011
Action:	File review
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	07/30/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	05/15/2008
Action:	Verbal Communication

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORCO TOOLS AND EQUIPMENT (Continued)

S106784799

Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	09/25/2006
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	09/21/2006
Action:	Verbal Enforcement
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	03/05/2015
Action:	Email Correspondence
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	03/30/2015
Action:	Soil and Water Investigation Report
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	03/01/2007
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	06/30/2010
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	11/07/2017
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	08/07/2007
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	02/07/2008
Action:	File review
Global Id:	T0605902142
Action Type:	REMEDIATION
Date:	12/01/1997
Action:	Excavation
Global Id:	T0605902142
Action Type:	Other
Date:	12/12/1997
Action:	Leak Discovery
Global Id:	T0605902142
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORCO TOOLS AND EQUIPMENT (Continued)

S106784799

Date:	04/30/2017
Action:	Monitoring Report - Other
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	11/19/2009
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	08/26/2009
Action:	File review
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	07/30/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	05/30/2007
Action:	Well Installation Report
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	05/15/2012
Action:	Verbal Enforcement
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	10/23/2012
Action:	File review
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	10/03/2008
Action:	Soil and Water Investigation Report
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	01/31/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	01/30/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	02/23/2011
Action:	Verbal Communication
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	12/27/2015
Action:	Technical Correspondence / Assistance / Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORCO TOOLS AND EQUIPMENT (Continued)

S106784799

Global Id: T0605902142
Action Type: ENFORCEMENT
Date: 01/11/2007
Action: Verbal Communication

Global Id: T0605902142
Action Type: ENFORCEMENT
Date: 01/18/2007
Action: Verbal Enforcement

Global Id: T0605902142
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Verbal Enforcement

Global Id: T0605902142
Action Type: ENFORCEMENT
Date: 07/12/2006
Action: Site Visit / Inspection / Sampling

Global Id: T0605902142
Action Type: ENFORCEMENT
Date: 07/10/2006
Action: File review

Global Id: T0605902142
Action Type: RESPONSE
Date: 05/22/2012
Action: Verbal Communication

Global Id: T0605902142
Action Type: RESPONSE
Date: 10/31/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0605902142
Action Type: ENFORCEMENT
Date: 05/13/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0605902142
Action Type: ENFORCEMENT
Date: 02/15/2010
Action: File review

Global Id: T0605902142
Action Type: ENFORCEMENT
Date: 10/19/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0605902142
Action Type: RESPONSE
Date: 09/15/2017
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0605902142
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORCO TOOLS AND EQUIPMENT (Continued)

S106784799

Date:	09/15/2016
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	09/22/2010
Action:	File review
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	08/13/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	10/30/2014
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	06/30/2014
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	11/01/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	02/15/2007
Action:	Soil and Water Investigation Workplan
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	07/08/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605902142
Action Type:	Other
Date:	03/15/1998
Action:	Leak Reported
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	07/31/2016
Action:	Monitoring Report - Other
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	04/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605902142
Action Type:	Other
Date:	12/12/1997
Action:	Leak Stopped

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORCO TOOLS AND EQUIPMENT (Continued)

S106784799

Global Id:	T0605902142
Action Type:	RESPONSE
Date:	10/31/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	10/18/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	07/10/2006
Action:	Other Report / Document
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	10/23/2008
Action:	Staff Letter
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	08/01/2013
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	07/16/2009
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	07/30/2009
Action:	Staff Letter
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	12/01/2014
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	11/20/2007
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	08/16/2006
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	07/13/2006
Action:	File review
Global Id:	T0605902142
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORCO TOOLS AND EQUIPMENT (Continued)

S106784799

Date:	07/12/2006
Action:	Meeting
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	09/26/2012
Action:	File review
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	07/30/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	08/30/2008
Action:	Soil and Water Investigation Workplan
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	07/08/2010
Action:	File review
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	04/30/2013
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	07/12/2006
Action:	Other Report / Document
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	10/30/2007
Action:	Remedial Progress Report
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	05/19/2009
Action:	File review
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	10/31/2016
Action:	Monitoring Report - Other
Global Id:	T0605902142
Action Type:	RESPONSE
Date:	10/31/2015
Action:	Monitoring Report - Other
Global Id:	T0605902142
Action Type:	ENFORCEMENT
Date:	11/29/2016
Action:	File review

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORCO TOOLS AND EQUIPMENT (Continued)

S106784799

Global Id: T0605902142
Action Type: ENFORCEMENT
Date: 08/22/2017
Action: Technical Correspondence / Assistance / Other

Global Id: T0605902142
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0605902142
Action Type: ENFORCEMENT
Date: 09/17/2008
Action: Staff Letter

Global Id: T0605902142
Action Type: RESPONSE
Date: 01/31/2017
Action: Monitoring Report - Other

LUST:

Global Id: T0605902142
Status: Open - Assessment & Interim Remedial Action
Status Date: 12/12/1997

Global Id: T0605902142
Status: Open - Case Begin Date
Status Date: 12/12/1997

Global Id: T0605902142
Status: Open - Site Assessment
Status Date: 08/27/1998

Global Id: T0605902142
Status: Open - Site Assessment
Status Date: 04/20/2007

Global Id: T0605902142
Status: Open - Site Assessment
Status Date: 03/10/2009

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Pollution Characterization
Case Number: 083003145T
Local Case Num: Not reported
Case Type: Aquifer affected
Substance: Diesel
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORCO TOOLS AND EQUIPMENT (Continued)

S106784799

How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605902142
How Stopped Date:	Not reported
Enter Date:	3/31/1998
Date Confirmation of Leak Began:	12/12/1997
Date Preliminary Assessment Began:	Not reported
Discover Date:	12/12/1997
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	8/27/1998
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	3/31/1998
GW Qualifies:	<
Soil Qualifies:	<
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7185997
Longitude:	-117.8426163
MTBE Date:	6/28/1998
Max MTBE GW:	10
MTBE Concentration:	2
Max MTBE Soil:	.1
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	C
Staff:	VJJ
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:	GROUNDWATER MAY ALSO BE CONTAMINATED

P79 **UNIVERSAL CIRCUITS, INC.**
NNW **1800 NEWPORT CIRCLE**
1/4-1/2 **SANTA ANA, CA 92705**
0.458 mi.
2418 ft. **Site 1 of 2 in cluster P**

ENVIROSTOR **S102519505**
CPS-SLIC **N/A**
Orange Co. Industrial Site
EMI
HIST CORTESE

Relative: **ENVIROSTOR:**
Higher Facility ID: 30360252
Status: Refer: Other Agency
Actual: Status Date: 04/25/1995
73 ft. Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSAL CIRCUITS, INC. (Continued)

S102519505

NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71857
Longitude: -117.8434
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: GENERAL AUTOMATION, INC.
Alias Type: Alternate Name
Alias Name: HELIX CIRCUITS, INC.
Alias Type: Alternate Name
Alias Name: LIKA CORPORATION
Alias Type: Alternate Name
Alias Name: TANDY CORPORATION
Alias Type: Alternate Name
Alias Name: 30360252
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/15/1993
Comments: Region 4 staff screened a certified letter dated 4/6/93 not- fying the Department of the presence of abandoned solid and hazardous waste pursuant to 42 U.S.C. Sec. 6972 (a) et seq (RCRA). The intent of Mr Niles Gates to commence a citizens suit alleges that Universal Circuits, General Automation, Helix Circuits, LIKA & Tandy Corporations caused the soil, subsoil, and groundwater to be contaminated with: heavy metals, halogenate volatile organic compounds, (VOCs) incl- uding 1,1- Dichloroethylene (1,1-DCE), 1,2-Dichloroethane (1,2-DCA), 1,1,1-TCA, TCE, and PCE.

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

SLIC REG 8:

Type: Soil and Groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSAL CIRCUITS, INC. (Continued)

S102519505

Facility Status: 39574
Staff: MGC
Substance: SOLVENTS
Lead Agency: Regional Board
Location Code: SA-21
Thomas Bros Code: Not reported

Orange Co. Industrial Site:

Case ID: 90IC010
Record ID: RO0000240
Current Status: CLOSED 3/22/1996
Closure Type: After soil closure, referred to Regional Board for GW oversight
Released Chemical: SOLVENTS-HALOGENATED; COPPER COMPOUNDS; LEAD COMPOUNDS; HEAVY METAL WASTE - NON-PLATING

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 23017
Air District Name: SC
SIC Code: 2259
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: 2
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

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 23017
Air District Name: SC
SIC Code: 3671
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: 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

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: CALSI
Reg Id: 30360252

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

P80
NNW
1/4-1/2
0.458 mi.
2418 ft.
Site 2 of 2 in cluster P

SEMS-ARCHIVE
RCRA-SQG
1000260547
CAT080033004

Relative:
Higher
Actual:
73 ft.

SEMS Archive:
Site ID: 904921
EPA ID: CAT080033004
Cong District: 38
FIPS Code: 6059
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 9
Site ID: 904921
EPA ID: CAT080033004
Site Name: UNIVERSAL CIRCUITS INC.
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1993-10-08 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 904921
EPA ID: CAT080033004
Site Name: UNIVERSAL CIRCUITS INC.
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1993-10-08 00:00:00
Qual: H
Current Action Lead: EPA Perf

Region: 9
Site ID: 904921
EPA ID: CAT080033004
Site Name: UNIVERSAL CIRCUITS INC.
NPL: N
FF: N
OU: 0
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1993-10-08 00:00:00
Qual: N
Current Action Lead: EPA Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSAL CIRCUITS INC. (Continued)

1000260547

Region: 9
Site ID: 904921
EPA ID: CAT080033004
Site Name: UNIVERSAL CIRCUITS INC.
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1993-09-27 00:00:00
Finish Date: 1993-09-27 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

RCRA-SQG:

Date form received by agency: 05/15/2006
Facility name: ISOLA BOWERS, LLP
Facility address: 1800 NEWPORT CIRCLE
SANTA ANA, CA 92705
EPA ID: CAT080033004
Mailing address: 701 S. HAM LAN, SUITE 2
LODI, CA 95242
Contact: DAVID ISOLA
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 209-367-7055
Contact email: DISOLA@ISOLALAW.COM
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: ISOLA BOWERS, LLP
Owner/operator address: 701 S. HAM LANE, SUITE 2
LODI, CA 95242
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/19/1997
Owner/Op end date: Not reported

Owner/operator name: NILES GATES C O MARK FRAZIER
Owner/operator address: 611 ANTON BLVD STE 1400
COSTA MESA, CA 92626
Owner/operator country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSAL CIRCUITS INC. (Continued)

1000260547

Owner/operator telephone: 714-641-5100
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DAVID ISOLA
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/19/1997
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: F002

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSAL CIRCUITS INC. (Continued)

1000260547

TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 08/05/2002

Site name: NEWPORT CIRCLE

Classification: Large Quantity Generator

. Waste code: F001

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U044

. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

Violation Status: No violations found

**O81
NNW
1/4-1/2
0.461 mi.
2432 ft.**

**UNIVERSAL CIRCUITS
1720-1800 NEWPORT CIRCLE, EAST
SANTA ANA, CA 92705**

**CPS-SLIC S118504557
N/A**

Site 2 of 2 in cluster O

**Relative:
Higher**

CPS-SLIC:

Region:

STATE

**Actual:
74 ft.**

Facility Status:

Open - Site Assessment

Status Date:

01/25/2011

Global Id:

SL208393894

Lead Agency:

SANTA ANA RWQCB (REGION 8)

Lead Agency Case Number:

Not reported

Latitude:

33.718918

Longitude:

-117.842987

Case Type:

Cleanup Program Site

Case Worker:

JML

Local Agency:

Not reported

RB Case Number:

SL208393894

File Location:

Regional Board

Potential Media Affected:

Aquifer used for drinking water supply, Other Groundwater (uses other than drinking water), Soil

Potential Contaminants of Concern:

1,1,1-Trichloroethane (TCA), 1,4-Dioxane, Dichloroethene (DCE), Other Solvent or Non-Petroleum Hydrocarbon, Trichloroethylene (TCE)

Site History:

Historic remediation efforts (e.g DPE, ISCO) have not reduced contaminant concentrations to adequate levels for closure consideration. Data from most recent CPT investigation indicate that add'l characterization (vertical) is needed to delineate UCI plume. Add'l mitigation also req'd to mitigate dissolved-phase chlorinated solvents and 1,4-dioxane attributed to UCI site.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSAL CIRCUITS (Continued)

S118504557

[Click here to access the California GeoTracker records for this facility:](#)

N82
South
1/4-1/2
0.479 mi.
2529 ft.

PRINTRONIX, INC.
1700 BARRANCA PARKWAY
IRVINE, CA 92606

Site 3 of 4 in cluster N

ENVIROSTOR
LUST
HIST UST
EMI
NPDES
CIWQS

S103635399
N/A

Relative:
Lower

Actual:
47 ft.

ENVIROSTOR:

Facility ID: 71002119
Status: Active
Status Date: 05/30/2003
Site Code: 550163
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 2.9
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Aslam Shareef
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.70267
Longitude: -117.8401
APN: NONE SPECIFIED
Past Use: MACHINE SHOP, MANUFACTURING - METAL, METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC: Lead Tetrachloroethylene (PCE TPH-Stoddard Solvent
1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chromium III
Chromium VI Hydrochloric Acid (Hydrogen Chloride
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: OTH, SOIL, SV
Alias Name: CAD000629386
Alias Type: EPA Identification Number
Alias Name: T0605900560
Alias Type: GeoTracker Global ID
Alias Name: 550163
Alias Type: Project Code (Site Code)
Alias Name: 71002119
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Order
Completed Date: 05/18/2006
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Completed Document Type: Phase I Verification
Completed Date: 04/22/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2015
Comments: Annual Cost Estimate emailed and mailed to two BPs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/04/2016
Comments: Annual Cost Estimate letter sent to RP, via email and regular mail, on 10/04/16.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Order
Completed Date: 08/11/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Order
Completed Date: 05/18/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Order
Completed Date: 08/11/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Order
Completed Date: 02/01/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 02/10/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/05/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pilot/Treatability Study Report
Completed Date:	06/09/2011
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	03/25/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	06/25/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	09/25/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	12/23/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Interim Measures Workplan
Completed Date:	07/09/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pilot/Treatability Study Report
Completed Date:	09/06/2012
Comments:	DTSC processed comments on the proposed Dual Phase Extraction System and the Q1 monitoring report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	12/10/2012
Comments:	DTSC processed offsite access letters for the Printronix property.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	05/11/2012
Comments:	DTSC approved the operation and maintenance report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/11/2014
Comments: Approved FI Workplan for Implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/06/2012
Comments: DTSC approved the GW Monitoring report provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/06/2013
Comments: DTSC approved the GW Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/06/2013
Comments: DTSC approved the GW Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2013
Comments: DTSC approved the GW Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/27/2013
Comments: DTSC approved the GW Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/07/2013
Comments: DTSC approved the GW Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/20/2014
Comments: DTSC approved the GW Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/10/2008
Comments: DTSC Approved PEA Report with comments

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/15/2015
Comments: DTSC approved The report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/01/2014
Comments: DTSC approved the operation and maintenance report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/21/2014
Comments: DTSC approved the operation and maintenance report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/21/2014
Comments: DTSC approved the indoor air monitoring report provided DTSC comments are incorporated in future field work/reports

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/02/2015
Comments: DTSC approved the Q3-GW monitoring report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 04/23/2015
Comments: DTSC concurred with the Adequacy of the Workplan for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/17/2015
Comments: DTSC approved the Facility Investigation Addendum for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/23/2015
Comments: DTSC approved Q4-GW monitoring report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 08/27/2015
Comments: DTSC approved the SSI report with a Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/28/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 01/28/2016
Comments: DTSC approved the Second Supplemental Remedial Investigation Workplan for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/14/2016
Comments: DTSC approved the GW monitoring report provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/28/2016
Comments: DTSC approved the operation and maintenance report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/15/2015
Comments: DTSC approved the operation and maintenance report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/29/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/24/2014
Comments: Letter from IBCA inviting DTSC to attend conference call with the board

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/29/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Comments: DTSC Approved Addendum Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 04/19/2016
Comments: DTSC approved the Final In-Situ Bioremediation Pilot Study Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 03/29/2016
Comments: Document received for DTSC information/discussion purposes, to determine future actions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/25/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/24/2017
Comments: DTSC approved the Operation and Maintenance report provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/22/2017
Comments: DTSC approved the document

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 12/06/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/24/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/09/2013
Comments: Letter received from IBCA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/07/2012
Comments: DTSC processed letter of access to the neighboring property owners

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 05/30/2003
Comments: Inspection report sent on 5/30/2003

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2018
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2018
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Fact Sheets
Future Due Date: 2018
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Corrective Measures Study Report
Schedule Due Date: 12/31/2015
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Community Profile
Schedule Due Date: 10/31/2015
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Public Notice
Schedule Due Date: 08/27/2015
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: CEQA - Notice of Exemption
Schedule Due Date: 07/23/2017
Schedule Revised Date: Not reported

LUST:

Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900560
Global Id: T0605900560
Latitude: 33.7033171

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Longitude: -117.8405508
Status: Open - Verification Monitoring
Status Date: 03/25/1991
Case Worker: EN
RB Case Number: 083000707T
Local Agency: ORANGE COUNTY
File Location: Not reported
Local Case Number: 87UT242
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Other Acid or Corrosive, Dichloroethane (DCA), Dichloroethene (DCE), Tetrachloroethylene (PCE), T
Site History: Not reported

LUST:

Global Id: T0605900560
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605900560
Contact Type: Local Agency Caseworker
Contact Name: LUIS LODRIGUEZA
Organization Name: ORANGE COUNTY
Address: 2009 E. EDINGER AVE.
City: SANTA ANA
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0605900560
Action Type: Other
Date: 11/13/1987
Action: Leak Discovery

Global Id: T0605900560
Action Type: ENFORCEMENT
Date: 11/09/2004
Action: Referral to Other State Agency

Global Id: T0605900560
Action Type: Other
Date: 12/03/1987
Action: Leak Reported

Global Id: T0605900560
Action Type: ENFORCEMENT
Date: 05/21/2004
Action: * No Action

LUST:

Global Id: T0605900560
Status: Open - Case Begin Date
Status Date: 11/13/1987

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Global Id:	T0605900560
Status:	Open - Site Assessment
Status Date:	12/18/1987
Global Id:	T0605900560
Status:	Open - Remediation
Status Date:	05/27/1989
Global Id:	T0605900560
Status:	Open - Remediation
Status Date:	06/06/1989
Global Id:	T0605900560
Status:	Open - Verification Monitoring
Status Date:	03/25/1991

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	87UT242
Released Substance:	Chromic acid
Date Closed:	06/01/1991
Record ID:	RO0002012

HIST UST:

File Number:	0002ECEP
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ECEP.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:

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	8199
Air District Name:	SC
SIC Code:	3679

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

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: 7
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 Smlr Tons/Yr:0

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 8199
Air District Name: SC
SIC Code: 3577
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: 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 Smlr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 8199
Air District Name: SC
SIC Code: 3577
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: 3
Reactive Organic Gases Tons/Yr: 3
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 Smlr Tons/Yr:0

NPDES:

Npdes Number: CAS000001
Facility Status: Terminated
Agency Id: 0
Region: 8
Regulatory Measure Id: 288843
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 30NEC001981
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Effective Date Of Regulatory Measure:	12/07/2004
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	07/14/2016
Discharge Name:	DHL Express USA Inc
Discharge Address:	1210 S Pine Island Rd
Discharge City:	Plantation
Discharge State:	Florida
Discharge Zip:	33324
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	288843
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30NEC001981
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	07/14/2016
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	04/11/2016
PROCESSED DATE:	12/07/2004
STATUS CODE NAME:	Terminated
STATUS DATE:	08/05/2016
PLACE SIZE:	39260
PLACE SIZE UNIT:	SqFt
FACILITY CONTACT NAME:	Beverley Ottey
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	949-474-0212
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	beverley.ottey@dhl.com
OPERATOR NAME:	DHL Express USA Inc
OPERATOR ADDRESS:	1210 S Pine Island Rd
OPERATOR CITY:	Plantation
OPERATOR STATE:	Florida
OPERATOR ZIP:	33324
OPERATOR CONTACT NAME:	Hugh Danielson
OPERATOR CONTACT TITLE:	EHS
OPERATOR CONTACT PHONE:	859-817-8895
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	hugh.danielson@dhl.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Kentucky
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

EMERGENCY PHONE NO: 949-474-0212
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: Not reported
CONSTYPE BELOW GROUND IND: Not reported
CONSTYPE CABLE LINE IND: Not reported
CONSTYPE COMM LINE IND: Not reported
CONSTYPE COMMERTIAL IND: Not reported
CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
CONSTYPE INDUSTRIAL IND: Not reported
CONSTYPE OTHER DESRIPTION: Not reported
CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: San Diego Creek
CERTIFIER NAME: Hugh Danielson
CERTIFIER TITLE: Mr
CERTIFICATION DATE: 11-APR-16
PRIMARY SIC: 4215-Courier Services Except by Air
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

CIWQS:

Agency: DHL Express USA Inc
Agency Address: 1210 S Pine Island Rd, Plantation, FL 33324
Place/Project Type: Industrial - Courier Services Except by Air
SIC/NAICS: 4215
Region: 8
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 30NEC001981
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 12/07/2004
Termination Date: 07/14/2016
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 3
Violations within 5 years: 1
Latitude: 33.70346
Longitude: -117.84034

Agency: Airborne Express
Agency Address: PO Box 662, Seattle, WA 98111
Place/Project Type: Industrial - Courier Services Except by Air
SIC/NAICS: 4215
Region: 8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTRONIX, INC. (Continued)

S103635399

Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 30I011565
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 04/18/1995
Termination Date: 02/03/2005
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 3
Violations within 5 years: 1
Latitude: 33.70346
Longitude: -117.84034

N83
South
1/4-1/2
0.479 mi.
2529 ft.

FORMER PRINTRONIX SCHLAGE LOCK FACILITY
1700 BARRANCA RD
IRVINE, CA 92606

RCRA-SQG
LUST
FINDS

1000322759
CAD000629386

Site 4 of 4 in cluster N

Relative:
Lower

RCRA-SQG:

Actual:
47 ft.

Date form received by agency: 07/08/2009
Facility name: FORMER PRINTRONIX SCHLAGE LOCK FACILITY
Facility address: 1700 BARRANCA PKWY
IRVINE, CA 92606
EPA ID: CAD000629386
Mailing address: 14600 MYFORD RD
IRVINE, CA 92606
Contact: DEREK REED
Contact address: 14600 MYFORD RD
IRVINE, CA 92606
Contact country: US
Contact telephone: 760-479-4131
Contact email: DREED@DUDEK.COM
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: PRINTRONIX INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER PRINTRONIX SCHLAGE LOCK FACILITY (Continued)

1000322759

Owner/Operator Type: Operator
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: PRINTRONIX INC
Owner/operator address: 14600 MYFORD RD
IRVINE, CA 92606
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Historical Generators:

Date form received by agency: 01/22/2009
Site name: FORMER PRINTRONIX SCHLAGE LOCK FACILITY
Classification: Small Quantity Generator

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 09/01/1996
Site name: PRINTRONIX, INCORPORATED
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER PRINTRONIX SCHLAGE LOCK FACILITY (Continued)

1000322759

Site name: PRINTRONIX, INCORPORATED
Classification: Small Quantity Generator

Date form received by agency: 04/24/1992

Site name: PRINTRONIX
Classification: Large Quantity Generator

Date form received by agency: 09/17/1980

Site name: PRINTRONIX, INCORPORATED
Classification: Large Quantity Generator

Violation Status: No violations found

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Post remedial action monitoring
Case Number: 083000707T
Local Case Num: 87UT242
Case Type: Aquifer affected
Substance: Chromic Acid
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Cross Street: ASTON
Enf Type: ROT
Funding: State Funds
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605900560
How Stopped Date: Not reported
Enter Date: 12/18/1987
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 11/13/1987
Enforcement Date: Not reported
Close Date: Not reported
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: 12/18/1987
Date Remediation Plan Submitted: 5/27/1989
Date Remedial Action Underway: 6/6/1989
Date Post Remedial Action Monitoring: 3/25/1991
Enter Date: 12/18/1987
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.7033171
Longitude: -117.8405508
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER PRINTRONIX SCHLAGE LOCK FACILITY (Continued)

1000322759

MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
MTBE Class: *
Staff: CAB
Staff Initials: LAL
Lead Agency: Regional Board
Local Agency: 30000
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: 3/26/91 - SOIL OK (PER JOYCE KRALL AT OCHCA). ALL WELLS SMPLED TO CHECK
CURRENT STATUS OF GW. CHLOR CONTAM FOUND IN 1 WELL 1/27/94 - CLOSED CHROMIUM
REMED ACTIONS, REQ'ST INVEST OF CHLOR GW 9/21/95 - REQ'ST UPGRAD PROPs SUBMIT
CHEM USE

FINDS:

Registry ID: 110001175772

Environmental Interest/Information System

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

HAZARDOUS AIR POLLUTANT MAJOR

STATE MASTER

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

84
NNE
1/4-1/2
0.480 mi.
2533 ft.

COORS DISTRIBUTION FACILI
15471 DEL AMO
TUSTIN, CA 92680

LUST **S104160930**
HIST CORTESE **N/A**

Relative:
Higher

Actual:
77 ft.

LUST:
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900910
Global Id: T0605900910
Latitude: 33.720883
Longitude: -117.836251
Status: Completed - Case Closed
Status Date: 11/15/1993
Case Worker: SR
RB Case Number: 083001152T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 89UT030

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COORS DISTRIBUTION FACILI (Continued)

S104160930

Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0605900910
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605900910
Contact Type: Local Agency Caseworker
Contact Name: SHYAMALA RAJAGOPAL
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD SUITE 120
City: SANTA ANA
Email: srajagopal@ochca.com
Phone Number: 7144336262

LUST:

Global Id: T0605900910
Action Type: Other
Date: 12/15/1988
Action: Leak Discovery

Global Id: T0605900910
Action Type: Other
Date: 12/15/1988
Action: Leak Reported

Global Id: T0605900910
Action Type: REMEDIATION
Date: 04/27/1989
Action: Excavation

Global Id: T0605900910
Action Type: REMEDIATION
Date: 04/27/1989
Action: Pump & Treat (P&T) Groundwater

LUST:

Global Id: T0605900910
Status: Open - Case Begin Date
Status Date: 12/15/1988

Global Id: T0605900910
Status: Completed - Case Closed
Status Date: 11/15/1993

ORANGE CO. LUST:

Region: ORANGE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COORS DISTRIBUTION FACILI (Continued)

S104160930

Facility Id: 89UT030
Released Substance: Regular gasoline
Date Closed: 11/15/1993
Record ID: RO0001543

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001152T
Local Case Num: 89UT030
Case Type: Other ground water affected
Substance: Regular 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: T0605900910
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: 12/15/1988
Enforcement Date: Not reported
Close Date: 11/15/1993
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: 33.7210696
Longitude: -117.8352126
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: CAB
Staff Initials: AM
Lead Agency: Local Agency
Local Agency: 30000L
Hydr Basin #: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COORS DISTRIBUTION FACILI (Continued)

S104160930

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

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001152T

85
NNE
1/4-1/2
0.492 mi.
2598 ft.

WEBER PLYWOOD
15501 MOSHER AVE
TUSTIN, CA 92780

LUST U001577930
UST N/A
HIST UST
NPDES
WDS
CIWQS

Relative:
Higher

Actual:
76 ft.

LUST:

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901620
Global Id: T0605901620
Latitude: 33.7181807
Longitude: -117.8346406
Status: Completed - Case Closed
Status Date: 12/02/1999
Case Worker: SR
RB Case Number: 083002197T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 92UT131
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel, Waste Oil / Motor / Hydraulic / Lubricating, Gasoline
Site History: Not reported

LUST:

Global Id: T0605901620
Contact Type: Local Agency Caseworker
Contact Name: SHYAMALA RAJAGOPAL
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD SUITE 120
City: SANTA ANA
Email: srajagopal@ochca.com
Phone Number: 7144336262

Global Id: T0605901620
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: valerie.jahn-bull@waterboards.ca.gov
Phone Number: 9517824903

LUST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEBER PLYWOOD (Continued)

U001577930

Global Id: T0605901620
Action Type: Other
Date: 11/12/1992
Action: Leak Reported

Global Id: T0605901620
Action Type: Other
Date: 11/12/1992
Action: Leak Discovery

Global Id: T0605901620
Action Type: REMEDIATION
Date: 11/12/1992
Action: Excavation

LUST:

Global Id: T0605901620
Status: Open - Case Begin Date
Status Date: 11/12/1992

Global Id: T0605901620
Status: Completed - Case Closed
Status Date: 12/02/1999

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 92UT131
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4; Waste oil/Used oil;
Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 12/02/1999
Record ID: RO0002951

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083002197T
Local Case Num: 92UT131
Case Type: Other ground water affected
Substance: 12034,12035,
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: T0605901620
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEBER PLYWOOD (Continued)

U001577930

Discover Date:	11/12/1992
Enforcement Date:	Not reported
Close Date:	12/2/1999
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:	33.7181807
Longitude:	-117.8346406
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:	VJJ
Staff Initials:	AM
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

UST:

Facility ID:	8790
Permitting Agency:	ORANGE COUNTY
Latitude:	33.7196499
Longitude:	-117.833987

HIST UST:

File Number:	0002D72B
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D72B.pdf
Region:	STATE
Facility ID:	00000068367
Facility Type:	Other
Other Type:	LUMBER YARD
Contact Name:	EDDIE MONTANO, FOREMAN
Telephone:	7142591100
Owner Name:	WEBER PLYWOOD CO.
Owner Address:	15501 MOSHER STREET
Owner City,St,Zip:	USTIN, CA 92680
Total Tanks:	0003

Tank Num:	001
-----------	-----

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEBER PLYWOOD (Continued)

U001577930

Container Num:	1
Year Installed:	1977
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	1
Container Construction Thickness:	X
Leak Detection:	None
Tank Num:	002
Container Num:	3
Year Installed:	1977
Tank Capacity:	00000250
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	2
Year Installed:	1977
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

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

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	208724
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30I010566
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	09/01/1993
STATUS CODE NAME:	Active
STATUS DATE:	09/01/1993
PLACE SIZE:	129591
PLACE SIZE UNIT:	SqFt
FACILITY CONTACT NAME:	Jim Archibald
FACILITY CONTACT TITLE:	Controller
FACILITY CONTACT PHONE:	714-259-1100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEBER PLYWOOD (Continued)

U001577930

FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	jarchibald@weberply.com
OPERATOR NAME:	Weber Plywood Lumber Co Inc
OPERATOR ADDRESS:	PO Box 1045
OPERATOR CITY:	Tustin
OPERATOR STATE:	California
OPERATOR ZIP:	92781
OPERATOR CONTACT NAME:	Jim Archibald
OPERATOR CONTACT TITLE:	Controller
OPERATOR CONTACT PHONE:	714-259-1100
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	jarchibald@weberply.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	714-259-1100
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Pacific Ocean
CERTIFIER NAME:	James Archibald
CERTIFIER TITLE:	Controller
CERTIFICATION DATE:	14-AUG-15
PRIMARY SIC:	4213-Trucking, Except Local
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	208724
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I010566

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEBER PLYWOOD (Continued)

U001577930

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/01/1993
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Weber Plywood Lumber Co Inc
Discharge Address:	PO Box 1045
Discharge City:	Tustin
Discharge State:	California
Discharge Zip:	92781
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEBER PLYWOOD (Continued)

U001577930

CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

WDS:

Facility ID:	Santa Ana River 30I010566
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	WEBER PLYWOOD & LUMBER
Agency Address:	PO BOX 1045
Agency City,St,Zip:	TUSTIN 92681
Agency Contact:	GARY GROSBY
Agency Telephone:	7142591100
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEBER PLYWOOD (Continued)

U001577930

CIWQS:

Agency: Weber Plywood Lumber Co Inc
Agency Address: PO Box 1045, Tustin, CA 92781
Place/Project Type: Industrial - Trucking, Except Local
SIC/NAICS: 4213
Region: 8
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 30I010566
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 09/01/1993
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 4
Violations within 5 years: 4
Latitude: 33.71833
Longitude: -117.83538

86
NE
1/2-1
0.511 mi.
2696 ft.

TUSTIN AIR FAC. SCHOOL SITE - PARCEL #1
VALENCIA AVENUE/RED HILL AVENUE
TUSTIN, CA 92780

ENVIROSTOR
SCH
S107737480
N/A

Relative:
Higher

Actual:
73 ft.

ENVIROSTOR:

Facility ID: 30970011
Status: Inactive - Needs Evaluation
Status Date: 04/28/2003
Site Code: 404293
Site Type: School Investigation
Site Type Detailed: School
Acres: 22.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: * Rebecca Chou
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.71661
Longitude: -117.8311
APN: NONE SPECIFIED
Past Use: * NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN AIR FAC. SCHOOL SITE - PARCEL #1 (Continued)

S107737480

Potential Description: NONE SPECIFIED
Alias Name: SANTA ANA UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: SANTA ANA USD-PROPOSED TUSTIN AIR FAC
Alias Type: Alternate Name
Alias Name: TUSTIN AIR FAC. SCH SITE PARCEL 1 (PRO)
Alias Type: Alternate Name
Alias Name: TUSTIN AIR FAC. SCH SITE PARCEL 1 (PROP)
Alias Type: Alternate Name
Alias Name: TUSTIN AIR FACILITY SCH. SITE (PROPOSED)
Alias Type: Alternate Name
Alias Name: 404293
Alias Type: Project Code (Site Code)
Alias Name: 30970011
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/28/2003
Comments: Not reported

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

SCH:

Facility ID: 30970011
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 22.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: * Rebecca Chou
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404293
Assembly: 68
Senate: 37
Special Program Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN AIR FAC. SCHOOL SITE - PARCEL #1 (Continued)

S107737480

Status: Inactive - Needs Evaluation
Status Date: 04/28/2003
Restricted Use: NO
Funding: School District
Latitude: 33.71661
Longitude: -117.8311
APN: NONE SPECIFIED
Past Use: * NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: SANTA ANA UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: SANTA ANA USD-PROPOSED TUSTIN AIR FAC
Alias Type: Alternate Name
Alias Name: TUSTIN AIR FAC. SCH SITE PARCEL 1 (PRO)
Alias Type: Alternate Name
Alias Name: TUSTIN AIR FAC. SCH SITE PARCEL 1 (PROP)
Alias Type: Alternate Name
Alias Name: TUSTIN AIR FACILITY SCH. SITE (PROPOSED)
Alias Type: Alternate Name
Alias Name: 404293
Alias Type: Project Code (Site Code)
Alias Name: 30970011
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/28/2003
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Q87
NE
1/2-1
0.541 mi.
2857 ft.

TUSTIN MARINE CORPS AIR STATION
NEWPORT FREEWAY AT EDINGER AVENUE
TUSTIN, CA 92710

Site 1 of 2 in cluster Q

RESPONSE
ENVIROSTOR
HIST Cal-Sites
DEED
Cortese
HIST CORTESE

S101272797
N/A

Relative:
Higher

Actual:
72 ft.

AWP:

AWP Facility ID: 30970002
Region Code: 3
Region: GLENDALE
SMBR Branch Code: SO
SMBR Branch Unit: OMF-SOUTHERN CALIF
Site Name.: Not reported
Current Status Date: 06011986
Current Status: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: Closed military facility
Awp Site Type: CLOSED MILITARY BASE
NPL: Not Listed
Tier Of AWP Site: Not reported
Source Of Funding: Not reported
Responsible Staff Member: APEDDADA
Supervisor Responsible: Not reported
SIC Code: 97
Facility SIC: NATIONAL SECURITY/INTERNATIONAL AFFAIRS
RWQCB Code: SA
RWQCB Associated With Site: SANTA ANA
Site Access Controlled: Controlled
Site Listed HWS List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Of Contamination Sources: 2
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: Not reported
State Assembly Distt Code: 70
State Senate District: 33

RESPONSE:

Facility ID: 30970002
Site Type: State Response
Site Type Detail: Closed Base
Acres: 1600
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, RWQCB 8 - Santa Ana, US EPA
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Omoruyi Patrick
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Site Code: 401384
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 68
Senate: 37
Special Program Status: Navy
Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Status Date: 06/01/1986
Restricted Use: YES
Funding: BRAC 91
Latitude: 33.71638
Longitude: -117.8308
APN: NONE SPECIFIED
Past Use: UNKNOWN, FUEL - VEHICLE STORAGE/ REFUELING, VEHICLE MAINTENANCE, AIRFIELD OPERATIONS, AIRFIELD OPERATIONS, FUEL - VEHICLE STORAGE/ REFUELING, AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS, DEGREASING FACILITY, FUEL - AIRCRAFT STORAGE/ REFUELING, FUEL - VEHICLE STORAGE/ REFUELING, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, JET FUEL STORAGE/REFUELING, OIL/WATER SEPARATORS, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, ABOVE GROUND STORAGE TANKS, FUEL - VEHICLE STORAGE/ REFUELING, OIL/WATER SEPARATORS, RESIDENTIAL AREA, TRANSPORTATION - PIPELINE, UNDERGROUND STORAGE TANKS, RESIDENTIAL AREA, ABOVE GROUND STORAGE TANKS, FUEL - VEHICLE STORAGE/ REFUELING, OIL/WATER SEPARATORS, RESIDENTIAL AREA, ABOVE GROUND STORAGE TANKS, FUEL - VEHICLE STORAGE/ REFUELING, FUEL TERMINALS, OIL/WATER SEPARATORS, UNDERGROUND STORAGE TANKS, ABOVE GROUND STORAGE TANKS, AIRFIELD OPERATIONS, FUEL - VEHICLE STORAGE/ REFUELING, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE, UNDERGROUND STORAGE TANKS, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, PAINT/DEPAINT FACILITY, AIRFIELD OPERATIONS, AIRCRAFT MAINTENANCE, AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS, AIRFIELD OPERATIONS, AIRCRAFT MAINTENANCE, ABOVE GROUND STORAGE TANKS, AGRICULTURAL - LIVESTOCK, AIRCRAFT MAINTENANCE, TRANSPORTATION - PIPELINE, UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE
Potential COC : Arsenic TPH-JET FUEL Trichloroethylene (TCE Lead Polychlorinated biphenyls (PCBs TPH-diesel TPH-gas Methyl tertbutyl ether (MTBE Polynuclear aromatic hydrocarbons (PAHs 1,1,2,2-Tetrachloroethane Vanadium and compounds 1,1-Dichloroethane 1,2,3-Trichloropropane Asbestos Containing Materials (ACM Dichlorvos Polychlorinated biphenyls (PCBs, see IRIS
Confirmed COC: Arsenic TPH-diesel TPH-gas Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Methyl tertbutyl ether (MTBE TPH-JET FUEL Trichloroethylene (TCE 30025-NO 1,2,3-Trichloropropane 1,1-Dichloroethane Asbestos Containing Materials (ACM Polychlorinated biphenyls (PCBs, see IRIS
Potential Description: SOIL, OTH, SOIL, SOIL, SOIL, OTH, SOIL, SOIL, OTH, OTH, OTH, SOIL, SV, IA, OTH, SOIL, SOIL, OTH, SOIL, OTH, SOIL, OTH, SOIL, OTH, SOIL, SOIL, SOIL, OTH, SOIL, SOIL, OTH, SOIL, SV, IA, CSS, SOIL, OTH, SOIL
Alias Name: CA9170090022
Alias Type: EPA Identification Number
Alias Name: 110018968287
Alias Type: EPA (FRS #)
Alias Name: 110033605748
Alias Type: EPA (FRS #)
Alias Name: DOD100391400
Alias Type: GeoTracker Global ID
Alias Name: DOD100391500
Alias Type: GeoTracker Global ID
Alias Name: DOD100391600
Alias Type: GeoTracker Global ID
Alias Name: DOD100391700

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Alias Type:	GeoTracker Global ID
Alias Name:	DOD100393300
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100393400
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100393500
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100393600
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100395200
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100395300
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100395400
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100395500
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100395600
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100397100
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100397200
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100397300
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100397400
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100397500
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100399000
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100399100
Alias Type:	GeoTracker Global ID
Alias Name:	T0605900821
Alias Type:	GeoTracker Global ID
Alias Name:	T0605900982
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901127
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901133
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901451
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902029
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902116
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902147
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902171
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902174
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902255
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902256
Alias Type:	GeoTracker Global ID

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Alias Name:	T0605902257
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902258
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902259
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902269
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902270
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902302
Alias Type:	GeoTracker Global ID
Alias Name:	T0605912367
Alias Type:	GeoTracker Global ID
Alias Name:	T0605913495
Alias Type:	GeoTracker Global ID
Alias Name:	T0605916524
Alias Type:	GeoTracker Global ID
Alias Name:	T0605917443
Alias Type:	GeoTracker Global ID
Alias Name:	T0605924898
Alias Type:	GeoTracker Global ID
Alias Name:	T0605927252
Alias Type:	GeoTracker Global ID
Alias Name:	T0605928561
Alias Type:	GeoTracker Global ID
Alias Name:	T0605929054
Alias Type:	GeoTracker Global ID
Alias Name:	T0605930603
Alias Type:	GeoTracker Global ID
Alias Name:	T0605932715
Alias Type:	GeoTracker Global ID
Alias Name:	T0605941131
Alias Type:	GeoTracker Global ID
Alias Name:	T0605947657
Alias Type:	GeoTracker Global ID
Alias Name:	T0605958842
Alias Type:	GeoTracker Global ID
Alias Name:	T060596014
Alias Type:	GeoTracker Global ID
Alias Name:	T0605961360
Alias Type:	GeoTracker Global ID
Alias Name:	T0605969605
Alias Type:	GeoTracker Global ID
Alias Name:	T0605971046
Alias Type:	GeoTracker Global ID
Alias Name:	T0605975637
Alias Type:	GeoTracker Global ID
Alias Name:	T0605979817
Alias Type:	GeoTracker Global ID
Alias Name:	T0605985348
Alias Type:	GeoTracker Global ID
Alias Name:	T0605986620
Alias Type:	GeoTracker Global ID
Alias Name:	T0605993771
Alias Type:	GeoTracker Global ID
Alias Name:	T0605997510

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Alias Type: GeoTracker Global ID
Alias Name: T0605998451
Alias Type: GeoTracker Global ID
Alias Name: P43028
Alias Type: PCode
Alias Name: 400091
Alias Type: Project Code (Site Code)
Alias Name: 401384
Alias Type: Project Code (Site Code)
Alias Name: 30970002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 06/23/2011
Comments: Completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PCL21
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/19/2001
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PCL35
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/19/2001
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/14/2006
Comments: Not reported

Completed Area Name: FOSL3
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Lease
Completed Date: 04/26/2002
Comments: FOSL - FOSL3: DTSC reviewed and commented on the FOSL 3. DTSC concurs with the Navy that the property could be leased in a manner that is protective of human health and the environment with the specified restrictions, conditions and notifications set forth in the FOSL.

Completed Area Name: FOST3
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 04/22/2002
Comments: FOST - FOST3: DTSC reviewed and commented on the FOST 3 for Parcels 23,29,34,35,36 and portions of 1,16,17,24,27,28,40, and 41 and found parcel 36 and portions of 24 and 41 to be environmentally suitable for transfer for their intended use. ' DTSC is unable to concur with the suitability of Parcels 1 and 17 for transfer. The 1998 MCAS Tustin Specific Plan/Reuse Plan Errata identifies Parcels 1 and 17 as educational/recreational use. As a result, it is possible that the reuse of these parcels could include school sites, meaning

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

kindergarden through grade 12 (elementary, middle and high schools). Additional detail is not provided for Parcel 1 and the Base Realignment and Closure (BRAC) Business Plan 2002 (in review) designates the land use of Parcel 17 as a High School. Pursuant to the California Education Code, section 17210 et seq; a separate and comprehensive environmental review is required for sites where state funds will be used for property acquisition or school construction. This review process includes an evaluation of whether hazardous materials on the property have been or could be released that would endanger students. Because this separate environmental review has not been conducted for Parcels 1 and 17, DTSC cannot determine if these parcels are suitable for the intended use. ' DTSC was unable to concur with the suitability of Parcels 23, 29, 34, 35, and portions of Parcels 1, 16, 27, 28, and 40 for transfer. These parcels include buildings/structures where potential releases of lead from lead-based paint (LBP) were not evaluated or where sufficient information was not provided for DTSC to determine if LBP is a potential issue. DTSC considers the presence of exterior LBP that has been released to the soil to pose a potential release to the environment pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986.

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Lease
Completed Date: 02/27/2002
Comments: DTSC reviewed and commented on the FOSL for Southern Parcels CO Areas 1,2,3 and 4. DTSC concurs with the Navy that the Southern Parcels CO Areas property is suitable for lease for the purposed intended (commercial/business) subject to the conditions, notifications, and restrictions set forth in the FOSL.

Completed Area Name: FOST2
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 09/19/2001
Comments: FOST - FOST2: DTSC reviewed and commented on the FOST for Southern Parcels 4 - 8, 10 - 12, 14, 42 and Parcels 25, 26, 30 -33, 37 and Portions of 40 and 41 and found Parcels 3 - 8, 10 - 12, 14, 42 and Parcels 25, 26, 30, 32, 33, 37 and Portions 41 to be environmentally suitable for transfer for their intended use. ' DTSC was unable to concur on the suitability of Parcel 31 for transfer. The MCAS Tustin Specific Plan/Reuse Plan Errata (City of Tustin 1998) identifies this parcel as future elementary school site. Pursuant to the California Education Code, section 17210 et seq., a separate and comprehensive environmental review is required for sites where state funds will be used for property acquisition or school construction. The Education Code requires that DTSC make a determination as to the suitability of the property for school use based on this review. The review process includes an evaluation of whether hazardous material on the property have been or could be released that would endanger school students. Because this separate environmental review has not been conducted for Parcel 31 DTSC was unable to determine if these parcel was suitable for use as elementary school sites and, therefore, we did not concur with the Finding of Suitability for this parcel. ' In addition, DTSC was unable to concur with the suitability of Parcel 4 and portions of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Parcel 40 for transfer. These parcels may have lead based paint (LBP) that has been released to the soil. DTSC maintains that lead in soil from LBP is a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) release to the environment. Building 176 (Parcel No. 4), Buildings 180, 181, 182 (Parcel No. 40), and Structure 237 (Parcel No. 4) were all constructed prior to 1978, the year when lead based paint products were discontinued. Navy did not conduct soil sampling to determine whether soils surrounding these buildings contain concentrations of lead from LBP which may pose a threat to human health and the environment. Until such sampling is performed, DTSC cannot determine whether, pursuant to CERCLA 120(a)(3), all actions have been taken at these two parcels to remedy potential releases of lead to the environment from LBP.

Completed Area Name: FOST1
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 09/27/2001
Comments: FOST - FOST1: DTSC reviewed and commented on the FOST for Parcels 3, 21, 38, 39, and Portions of 40 and found Parcels 3, 38 and portions of 40 to be environmentally suitable for transfer for their intended use as transitional/emergency housing, community park/road and transportation/circulation facilities, respectively. ' DTSC was unable to concur on the suitability of Parcels 21 and 39 for transfer. The MCAS Tustin Specific Plan/Reuse Plan Errata (City of Tustin 1998) identifies these parcels as future elementary school sites. Pursuant to the California Education Code, section 17210 et seq., a separate and comprehensive environmental review is required for sites where state funds will be used for property acquisition or school construction. The Education Code requires that DTSC make a determination as to the suitability of the property for school use based on this review. The review process includes an evaluation of whether hazardous materials on the property have been or could be released that would endanger school students. Because this separate environmental review has not been conducted for Parcels 21 and 39, DTSC was unable to determine if these parcels were suitable for use as elementary school sites and, therefore, we did not concur with the finding of Suitability for these two parcels.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ASAOC
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/26/2003
Comments: OM: This Operation and Maintenance Plan (OMP) presents inspection and maintenance, Long-Term Monitoring (LTM), and contingency plans, including frequency of monitoring and reporting requirements to be used in support of the final remedy selected for OU-3, with the goal of protecting human health and the environment. Detailed descriptions of requirements for conducting fieldwork and data management activities are presented as attachments to this OMP including Land-Use Control Implementation and Certification Plan.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Removal Action Completion Report
Completed Date: 09/09/2005
Comments: The soil removal action achieved the objective of excavating VOC-contaminated soil in the vadose zone above the cleanup level. The confirmation soil samples indicated that the lateral extent of VOC-contaminated soil above the cleanup goal was removed. The removal of contaminated soil made it possible for the builder to install the utilities at this site.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MAE7
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/17/2001
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MWA15
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/17/2001
Comments: PEA - MWA15: Analytical results for hand-auger, pothole, and excavation confirmation soil samples from Site MWA-15 were below the target cleanup levels or laboratory reporting limits. These results indicate that soil at this site has not been impacted. Therefore, no further action is required for this site. ' PEA - UST89: Analytical results for the confirmation soil sample collected from the bottom floor of the excavation were below the target cleanup level or laboratory reporting limits, indicating that soil at the site has not been impacted. Therefore, no further action is required for this site. ' PEA - MAE7: This is a miscellaneous air emission area, consists of two separate areas: Building 273(Test Cell) and Building 231 (Engine Test Area). The activities of PEA included facility decontamination, collection and analysis of rinse water samples, and subsurface soil sampling using a hand auger. Analytical results for the rinse water samples and soil samples were below source water (i.e., fire hydrant water) concentrations with the following exceptions: aluminum, barium, iron, molybdenum, selenium, and vanadium, which were below the tap water PRGs; and calcium, magnesium, and potassium, which are common metals for which no PRGs have been established. Soil sample results were below target cleanup levels and laboratory reporting limits, indicating that soils at the site were not impacted. The results of the risk screening assessment indicate that concentrations at Site MAE-07 pose acceptable risk levels. Therefore, no further action is required.

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Remedial Action Plan
Completed Date: 12/02/2004
Comments: The OU-1A ROD/RAP presents the selected remedial action consisting of excavating soil contaminated with volatile organic compound (VOC) from a hot spot area, disposing this soil at a permitted facility, and extracting and treating VOC-contaminated groundwater using a granular activated carbon (GAC) system from a hot spot area and containment wells at site IRP 13S. Hot spot areas are classified as soil and groundwater contamination area that are characterized by the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

highest concentrations of VOC chemicals. The remediation of soil and groundwater hot spots will expedite the cleanup of groundwater.

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Feasibility Study Report
Completed Date: 09/05/2003
Comments: RIFS - OU1A: The Feasibility Study develops and evaluates potential remedial alternatives to mitigate risks to human health from groundwater, contaminated with volatile organic compounds originated at IRP Site 13S. This FS involved screening technologies and associated process options according to effectiveness, implementability, and cost. The retained options were assembled into remedial alternatives and then evaluated against regulatory criteria.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ST-5A
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/26/2000
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ST13A
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/26/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/14/2004
Comments: PEA-DSD7: The Site Inspection (SI) report summarizes the results of previous investigations conducted at DSD-07. Based on the delineation results, DSD-07 does not appear to be the source of trichloroethylene (TCE) contamination in the area. This is based on the low levels of TCE found in shallow soils directly below the storm drain line to 6 feet below ground surface. The site data do not indicate a release occurred directly from DSD-07. Based on the information Navy requested No Further Action (NFA) for the site. DTSC did concur with the NFA recommendation.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MAW7
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/06/2001
Comments: PEA - MAW7 : Sites MAW-7, MAW-8 and MAW-16 each abandoned well was closed according to Orange County Health Care Agency guidelines. Samples were collected from the groundwater that was displaced during backfilling of wells MAW-7 & MAW-16 with grout. The samples were analyzed for disposal characterization purposes. A minimal amount of water was produced during the grouting of MAW-8 and, therefore, a sample was not collected. Analytical results for the groundwater samples were below either target cleanup levels or laboratory reporting limits. Because soil samples were not collected from Sites MAW-7, MAW-8 and MAW-16, a risk screening assessment was not required. Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ST35
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/22/2001
Comments: PEA : Facility decontamination and subsurface sampling was conducted at eight sites. Excavation of impacted soil was performed at Sites ST-36, ST-51, and ST-88. The contaminated soil was treated in a thermal desorption unit (TDU) located on site. In the no-landscaped excavated areas, non-impacted overburden and treated soil was used as backfill material. The excavation was compacted to greater than 90 percent relative compaction to surface grade. In the landscaped excavation areas or areas scheduled for demolition, no compaction testing was performed. ' ST-35, ST-89, ST-90 and ST-91 - Analytical results for rinse water and soil boring samples support no further action. ' ST-36 and ST-51 - Analytical results for soil boring and confirmation soil samples support no further action ' ST-72A - Results of the screening risk assessment indicate that the concentrations at ST-72A pose acceptable risk levels and support no further action. ' ST-88 - The analytical results for the rinse water samples and the deeper soil sample results support no further action. However, the shallow hot spot areas with elevated concentrations of arsenic (as identified at ST-86, ST-88, and MAE-03) will be addressed as a separate arsenic AOC report.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ST18B
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/01/2001
Comments: PEA - SITE 18B: In 1995, a Resource Conservation and Recovery Act (RCRA) Facility Assessment was completed for MCAF Tustin. Site 18B was identified as a potentially contaminated site. Hand auger samples were collected and contaminated soil was excavated. The results of the screening risk assessment showed acceptable levels and support no further action.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MWA10
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/30/2001
Comments: PEA - MWA10: The contaminated soil was treated in a thermal desorption unit (TDU) located on site. In the non-landscaped excavated areas, non-impacted overburden and treated soil was used as backfill material. The excavation was compacted to greater than 90 percent relative compaction to surface grade. In the landscaped excavation areas, no compaction testing was performed. Analytical results for the rinse water samples, soil samples, and excavation samples collected at the site were below source water concentrations (collected from local fire hydrants), target cleanup levels, or laboratory reporting limits. These results indicate that impacted soil at the site was removed. In addition, the results of the screening risk assessment support no further action.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: LPL
Completed Document Type: Finding of Suitability to Lease
Completed Date: 06/26/2000
Comments: PEA - ST-5A, ST-12, ST-22, ST-37B, ST-39, ST-42, ST-45: 1.) ST-5A and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

ST-12: The concrete pads were decontaminated and samples collected from the rinse water were below action levels. Soilsamples were taken and results were also below action levels. 2.) ST-22: Soil samples were collected and results were below action levels. 3.) ST-37B: Results from soil samples triggered an excavation (approximately 129 tons) of TPH-impacted soil. The soil was treated at an on-site thermal desorption unit (TDU). confirmation sampling indicated that all TPH-impacted soil had been removed. 4.) ST-39 and ST-45: Results from soil samples triggered an excavation(approximately 22.3 tons and 27 tons) from ST-39 and ST-45 respectively of PAH-impacted soil. The soil was treated at an on-site thermal desorption unit (TDU). confirmation sampling indicated that all PAH-impacted soil had been removed. 5.) ST-42: The concrete building was decontaminated and samples collected from the rinse water were below action levels. Soil samples were taken and results were also below action levels. ' PEA - ST-13A, ST-13B, ST-18A, ST-26A, ST-34A, ST-46, ST-55, ST-60A, and ST-80: Facility decontamination was conducted at Sites ST-13A, ST-18A, ST-26A, ST-34A, ST-46, ST-55 and ST-56. A rinse water sample was taken and analyzed for each of the above sites. Soil sampling was also conducted for each of these sites. Based on the results of the screening risk assessment, the concentrations at sites ST-13A ST-13B, ST-18A, ST-26A, ST-34A and ST-56 pose acceptable risk levels. ' Soil sample results for ST-46 and ST-55 indicated that excavation was required. All confirmation sample results for ST-46 and ST- 55 were below target cleanup levels and the results of the screening risk assessment indicate that concentrations at these two sites pose acceptable risk levels. ' Decontamination activities at ST-60A and ST-80 were not necessary because the sites were located on asphalt. The analytical results for soil samples from ST-60A and ST-80 were below target cleanup levels. The results of the screening risk assessment indicate that concentrations at ST-60A and ST-80 pose acceptable risk levels.

Completed Area Name:

OU-2

Completed Sub Area Name:

Not reported

Completed Document Type:

Remedial Action Plan

Completed Date:

12/12/2000

Comments:

RAP - OU2: No action is the selected remedy for the three IRP sites and nine AOCs. In selecting the no action remedy for these sites/AOCs, it was determined that the existing condition of the sites/AOCs is protective of human health and the environment. ' CEQA - OU2: A Notice of Exemption (NOE) for the OU-2 No Action Remedial Action Plan (RAP) was filed with the State Clearinghouse on September 28, 2000. DTSC found the project the project to be exempt under Title 14 California Code of Regulations (CCR), Section 15061(b)(3) based on the following: DTSC in conjunction with the RWQCB, U.S. EPA and DON, determined that no further remedial action is necessary to ensure the protection of human health and the environment at sites IRP-2, IRP-13E and AOCs AD-04, AS-06, AS-08, AST-02, AST-04, MDA-04, MDA-07, MMS-01, and MWA-03. This determination was based upon extensive field investigations, laboratory analyses, and a through assessment of potential human health risk assessments at each specific location. The results of the human health risk assessment at these sites/AOCs do not present an unacceptable risk to human health or the environment. Therefore, since DTSC has determined that there is no possibility that the project may have a significant effect on the environment, the activity is not subject to CEQA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ST-7
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/03/2000
Comments: PEA - ST-7, ST-8, ST-21C, ST-21D, ST-21E, ST-21F, ST-79, and ST- 82: Under a Resource Conservation and Recovery Act (RCRA) Facility Assessment completed on MCAS Tustin in 1995, the above sites were identified as potentially contaminated sites. Investigation and cleanup work was conducted under the RCRA Stabilization as required by the RCRA Permit. The Regional Water quality Control Board provided oversight of cleanup of petroleum contamination. DTSC's Office of Military Facilities provided oversight of removal and remediation of hazardous material contamination and reviewed the final closure reports for the above sites in accordance with the RCRA and Comprehensive Environmental Recovery Compensation and Liability Act (CERCLA) guidelines, and pursuant to the Federal Facilities Site Remediation Agreement (FFSRA), signed on 8/18/1999. Remedial actions were taken at these sites as follows: 1) At Sites ST-7, ST-21D and ST-82 the concrete slab was decontaminated using mechanical scrubbing and pressure washing with detergent and rinsed with source water. A rinsate sample was taken and tested for metal and chlorinated solvents. In addition, soil samples were taken and analyzed for the same chemicals. Levels found where below action level. However rinse water was still collectedand treated in the onsite thermal desorption unit (TDU) before being discharged into the sanitary sewer. 2) At Site ST-8, soil samples where taken and analyzed for TPH- extractable, Solvents, PCBs, and metals. All samples were below PRGs. 3) At ST-21C, soil and groundwater samples where taken and screened for solvents, metals and petroleum. Methyl-Tertiary- Butyl-Ether MTBE was detected in the soil above action level. Impacted soil was removed and treated on site at the local TDU, confirmation samples were taken. 4) At ST-21E, soil samples were taken and analyzed for solvents. metals, PCBs, and petroleum. One sample indicated a high hit of benzo(a)pyrene. Impacted soil was removed and treated on site at the local TDU, confirmation samples were taken. 5) At ST-2F the concrete slab was decontaminated using mechani- cal scrubbing and pressure washing with detergent and rinsed with source water. A rinsate sample was taken and tested for metals, chlorinated solvents and PCBs. In addition, soil samples were taken and analyzed for the same chemicals. Levels found where below action level. However rinse water was still collected and treated in the onsite thermal desorption unit before being dis- charged into the sanitary sewer. 6) At ST-79, soil samples where taken and analyzed for TPH- extractable, chlorinated Solvents, pesticides, PCBs, and metals. One sample detected contained Aroclor-1260, and dieldrin above action level. Impacted soil was removed and is being stockpiled and will be transported off site for storage.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MWA-5
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/15/2000
Comments: PEA - MWA-05, TOW-06, UST-508, MWA-12, TOW-11, UST-251, MWA-13, TOW-12, UST-252: Under a Resource Conservation and Recovery Act (RCRA) Facility Assessment completed on MCAS Tustin in 1995, the above sites were identified as potentially contaminated sites. Remediation actions were taken at these sites as follows; 1) At Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

MWA-05, a total of 25 samples were collected and tested for TPH-extractable. TOW-06 and UST-508 were excavated confirmation samples were taken. Sample results were below action levels. 2) At MWA-12, the concrete pad was decontaminated and final rinsate samples showed no detection of contamination. Rinsate water was collected and treated on site before being discharged into the channel under the NPDES permit. In addition, soil samples were taken at MWA-12, TOW-11, UST-251 after the removal of the oil/water separator and the assigned Storage tank (UST-251). Samples collected triggered an excavation of 156 tons of TPH impacted soil at UST-251 site. Deeper confirmation samples indicated the removal of the impacted soil which was treated at the onsite Thermal Desorption Unit (TDU). 3) For MWA-13 the concrete pad was decontaminated and rinsate samples were taken. Rinsate samples indicated no contamination present, however rinsate water was collected and treated locally before being discharged into Peter Canyon Channel. For TOW-12 and UST-252, The oil/water and the tank were removed. Soil samples taken at both sites triggered an excavation of TPH impacted soil at UST-252. 82 tons of soil were removed and treated at the local TDU.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MDA-6
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/22/2000
Comments: PEA - MDA-06, AME-05, MAE-06, MWA-01, UST-530B, TOW-X1 & TOW-X8:
Under a Resource Conservation and Recovery Act (RCRA) Facility Assessment completed on MCAS Tustin in 1995, the above sites were identified as potentially contaminated sites. Remediation actions were taken at these sites as follows; 1) At Site MDA-06, 1,247 tons of impacted soil were removed, of which 901 tons were impacted with Total Petroleum Hydrocarbons (TPH) and trace pesticides and was transported for McKittrick Waste Management for disposal. The remaining 346 tons were impacted with lead and pesticides and was transported to Chemical Waste Management's Class I treatment, storage and disposal facility. 2) MAE-05 was decontaminated using mechanical scrubbing and pressure washing with detergent and rinsed with source water. A rinsate sample was taken, and was found to contain endrin aldehyde, methylene chloride and bromodichloro- methane with endrin aldehyde above action levels. The site was decontaminated again and endrin aldehyde dropped to acceptable levels. Two drums of paint chips were collected and shipped as non-RCRA hazardous waste to Chemical Waste Management's Facility, and 3,000 gallons of decontamination water were collected in a Baker tank and treated on site at the carbon adsorption treatment unit and properly discharged. 3) MAE-06 was decontaminated using mechanical scrubbing and pressure washing with detergent and rinsed with source water. A rinsate sample that contained calcium, magnesium, sodium and zinc was collected; these metals do not pose a risk on human health or the environment. 4) MWA-01 was decontaminated using mechanical scrubbing and pressure washing with detergent and rinsed with source water. A rinsate sample containing below action levels of trihalomethanes, bromodichloro- methane, chloroform, and dibromochloromethane was collected. Rinsate water from the site was treated at the onsite carbon adsorption treatment unit and discharged. 5) At UST-530B, approximately 926 tons of TPH impacted soil were removed and treated at the on-site Thermal Desorption Unit and 65,000 gallons of ground water were removed and treated at the onsite carbon adsorption treatment unit and properly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

discharged. 7) At TOW-X1, the oil/water separator was removed, and approximately 78 tons of polychlorinated biphenyl (PCB)/pesticide impacted soil were removed and transported to proper treatment and recycling facility. TOW-X8; The oil/water separator was removed and after collection of soil samples it was noted that all samples showed contamination below action levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 08/31/2004
Comments: RIFS - OU4: The shallow groundwater investigation was performed at sites where at least one VOC had been previously reported at concentrations exceeding its maximum contaminant level (MCL). Discrete groundwater samples were collected at 121 locations using HydroPunch sampling techniques and were analyzed for VOCs. Data obtained from the shallow groundwater investigation were used to revise risk assessments for some OU-4 sites and IRP-5N, IRP-5S(b), IRP-8, IRP-11, IRP-16, MMS-04 Areas A and C were recommended for NFA. DTSC concurs with this recommendation. RIFS - OU4: The shallow groundwater investigation was performed at sites where at least one VOC had been previously reported at concentrations exceeding its maximum contaminant level (MCL). Discrete groundwater samples were collected at 121 locations using HydroPunch sampling techniques and were analyzed for VOCs. Data obtained from the shallow groundwater investigation were used to revise risk assessments for some OU-4 sites and IRP-5N, IRP-5S(b), IRP-8, IRP-11, IRP-16, MMS-04 Areas A and C were recommended for NFA. DTSC concurs with this recommendation. RIFS - OU4: The shallow groundwater investigation was performed at sites where at least one VOC had been previously reported at concentrations exceeding its maximum contaminant level (MCL). Discrete groundwater samples were collected at 121 locations using HydroPunch sampling techniques and were analyzed for VOCs. Data obtained from the shallow groundwater investigation were used to revise risk assessments for some OU-4 sites and IRP-5N, IRP-5S(b), IRP-8, IRP-11, IRP-16, MMS-04 Areas A and C were recommended for NFA. DTSC concurs with this recommendation.

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Remedial Action Plan
Completed Date: 12/20/2001
Comments: The ROD/RAP was issued on May 17, 2000 and signed by DTSC on December 18, 2001. The ROD/RAP documents the final selected remedial action for the Moffett Trenches and crash Crew Burn Pits site. The major components of the selected remedial action for OU-3 are institutional controls, groundwater and surface-water monitoring, landfill gas monitoring, inspection and maintenance of the containment wall and cover, maintenance of the French drain system and associated sumps, maintenance of monitoring wells and security features, and periodic reviews. In addition, the land use controls include use restrictions, notification procedures, inspections of physical structures, contingency plans, and five-year reviews.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 12/02/2004
Comments: The OU-1B ROD/RAP presents the selected remedial action consisting of excavating soil contaminated with volatile organic compound (VOC) from a hot spot area, disposing this soil at a permitted facility, and extracting and treating VOC-contaminated groundwater using a granular activated carbon (GAC) system from a hot spot area and containment wells at site IRP sites 3 and 12. Hot spot areas are classified as soil and groundwater contamination area that are characterized by the highest concentrations of VOC chemicals. The remediation of soil and groundwater hot spots will expedite the cleanup of groundwater.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 03/21/2002
Comments: RIFS - OU1B: IRP Sites 3 and 12. The Feasibility Study (FS) develops and evaluates potential remedial alternatives to mitigate risks to human health from groundwater, contaminated with volatile organic compounds, principally trichloroethene (TCE), and related organic solvents originated at Sites 3 and 12. This FS involved screening technologies and associated process options according to effectiveness, implementability, and cost. The retained options were assembled into remedial alternatives and then evaluated against regulatory criteria.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Baseline Survey
Completed Date: 06/19/2001
Comments: BWEBS - BW: Department of Defense and Department of the Navy policy and guidance documents, along with currently available information generated from on-site investigations, visual inspections, personnel interviews, regulatory records searches, aerial photograph reviews, reviews of data for adjacent properties, and chain-of-title searches, are the basis for this report. This Basewide EBS Report supplements the April 1994 MCAS Tustin EBS for the Community Environmental Response Facilitation Act of 1992 Report and the April 1997 MCAS Tustin EBS for Parcels 6, 8B, 8C, 11A, 33, 38, 39, 41A, and 41B. ' CEQA - OU3: DTSC completed a Special Initial Study to evaluate the potential for adverse environmental impact for the Proposed remedial action identified in the Record of Decision/Remedial Action Plan (ROD/RAP). The remedial action includes application of institutional controls, inspection and maintenance of the concrete containment wall and surface cover, monitoring of ground water and surface water, monitoring of landfill gas, maintenance of the french drain system and associated sumps, periodic reviews of monitoring results, and preparation of a contingency plan. Based on the Special Initial Study, a Negative Declaration was prepared pursuant to the provisions of CEQA. The draft Negative Declaration was circulated for a 30-day public review and comment period. DTSC has found, on the basis of the Special Initial Study and comments received on the Negative Declaration, that there is no substantial evidence that the project will have a significant effect on the environment. ' PEA - PCL35 and PCL 21: The Department of Navy has a lead-in-soil sampling program. Its objective, at MCAF Tustin is to evaluate potential lead-based paint hazards in the soil adjacent to the housing units within the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

housing areas constructed prior to 1978. Lead-based paint on the exterior of the houses could potentially flake off of the housing units and impact soil in the yard and also in areas adjacent to the perimeter of the house. A work plan was developed for the evaluation of potential lead-based paint hazards in soil at the former housing areas, one of which is Moffett Meadows (PCL 35) and Tustin Villas (PCL21). The intent of the soil sampling at the housing areas was to determine whether further evaluation was necessary prior to transferring the property for future use. Based on the sampling results, it was determined that no further action was required for lead-based paint in soil at Moffett Meadows or at Tustin Villas.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MWA03
Completed Document Type: Removal Action Completion Report
Completed Date: 12/20/1998
Comments: Not reported

Completed Area Name: IRP-9
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/26/2000
Comments: IRP 9A: Between July 1997 and September 1997, approximately 676 tons of PAH-contaminated soil and 25 tons of total petroleum hydrocarbon (TPH)-contaminated soil was excavated and treated from IRP-9A Subareas 1 and 2 combined. The contaminated soil was transported to the on-site thermal desorption unit (TDU), treated, and transported back to IRP-9A for use as backfill in the excavation. The removal action at IRP 9A Subarea 2 encompassed the boundaries of two STs: ST-40A and ST-40B. The remaining STs were outside the excavation limits of the removal action. ' IRP 9B: Between October 1998 and January 1999, approximately 3788 tons of PAH-contaminated soil from IRP 9B Subarea 1 and 3049 tons of PAH-contaminated soil from IRP 9B Subarea 3 were excavated and treated. The contaminated soil was transported to the on-site thermal desorption unit (TDU), treated, and transported back to IRP-9B for use as backfill in the excavation. The removal action at IRP 9B Subarea 1 encompassed the boundaries of two STs: ST-47A and ST-47B. ' Based on the post-removal action human health risk assessment, it was determined that exposure to the remaining soil and residual PAH concentrations at IRP 9A and IRP 9B would result in a human health risk well within the acceptable range for resident children and industrial workers, and at the NCP point of departure for resident adults, as defined by the EPA for unrestricted residential or industrial use.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SITE2
Completed Document Type: Removal Action Completion Report
Completed Date: 11/20/1998
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: 13W
Completed Document Type: Removal Action Completion Report
Completed Date: 11/20/1998
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TUST2
Completed Document Type: * Community Environmental Response Facilitation Act
Completed Date: 03/12/1998
Comments: CERFA - TUST2: Subsequent to the April 14, 1994 CERFA concurrence, an additional environmental investigation and evaluation of the MCAS Tustin found additional areas within the base that meets the CERFA uncontaminated criteria in accordance with the amendment to Section 120(h)(4) of CERCLA. These areas included the agricultural land which were evaluated under a pesticide investigation in 1996. The investigation found these areas to contain pesticides at concentrations within or below the statistical range for land of similar use at MCAS Tustin and the levels are not a threat to human health or the environment. Additional areas were also identified based on the Base wide groundwater investigation of 1994. These areas were found to be property upon which no hazardous substances and no petroleum products or their derivatives were known to have been released or disposed of, including no migration of these substances from adjacent areas. These properties are eligible for CERFA concurrence.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PRCL3
Completed Document Type: Finding of Suitability to Lease
Completed Date: 01/29/1999
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 9PRCL
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 02/11/1998
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: HNGR2
Completed Document Type: Finding of Suitability to Lease
Completed Date: 05/28/1997
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: HNGR2
Completed Document Type: Environmental Baseline Survey
Completed Date: 05/28/1997
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Feasibility Study Report
Completed Date: 03/24/1999
Comments: Investigation of various AOC located throughout the base by reviewing various reports and identifying if a hazardous release occurred or not. If this could not be identified by researching the historical data, samples were collected and evaluated. All AOC that were found to be hazardous will be treated under the remedial action process or the removal action process. This PEA was prepared to also satisfy RCRA Facility Assessment (RFA) requirements.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: B-93
Completed Document Type: Finding of Suitability to Lease
Completed Date: 07/26/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: B-93
Completed Document Type: Environmental Baseline Survey
Completed Date: 07/26/1996
Comments: Not reported

Completed Area Name: 2.9
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 12/17/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: VAR.
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/19/1997
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 13W
Completed Document Type: *Action Memorandum (if <\$1M)
Completed Date: 11/07/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/17/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 13W
Completed Document Type: Feasibility Study Report
Completed Date: 07/24/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 12/17/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 12/17/1995
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 16
Completed Document Type: Removal Action Completion Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 12/17/1995
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: P-33
Completed Document Type: Environmental Baseline Survey
Completed Date: 06/30/1995
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MCAST
Completed Document Type: * Community Environmental Response Facilitation Act
Completed Date: 04/18/1994
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MCAST
Completed Document Type: Environmental Baseline Survey
Completed Date: 04/14/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/21/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/27/1992
Comments: Conditional approval of Navy's SI Report was granted. Navy performed SI sampling of 9 sites that were recommended for further study in their Initial Assessment Study (IAS). The following sites were recommended for RI in the report: Site 3 - Paint Stripper, Site 5 - Drainage No.1, Site 7 - Rapid Refuel Sta Site 12 - Drum Stg. area No.2, & Site 13 - Drum Stg. area No.3. Site 9 - Hangar No. 1 is recommended for removal & confirmation sampling. Site 15 - Blimp Hangar Disposal does not exist. Although Sites 2 & 8 were recommended NFA, DTSC disagreed because the area had been graded and samples were not taken deep enough to test the original ground.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: VSI
Completed Document Type: Site Screening
Completed Date: 10/17/1991
Comments: A Meeting was held at El Toro MCAS to discuss scheduling of base closure and activities necessary. A Federal Facilities Site Remediation Agreement draft was sent to the base commander. Navy SWDIV decided to negotiate a "blanket" FFSRA to cover all 23 bases in SWDIV.

Completed Area Name: FOST5
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 09/12/2003
Comments: Based upon DTSC's review of Final FOST #5 DTSC submitted a

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

non-concurrence letter

Completed Area Name: FOST6
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 09/17/2004
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/21/2005
Comments: this task is completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/21/2005
Comments: This task is completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Base / Site Management Plan
Completed Date: 04/14/2005
Comments: This project is completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/31/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 05/15/2005
Comments: This document is completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 03/01/2006
Comments: DTSC letter was signed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/30/2005
Comments: This is a field work. No reports were done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/30/2005
Comments: Completed for this year

Completed Area Name: OU-4A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 12/11/2004
Comments: Not reported

Completed Area Name: OU-4A
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 08/27/2004
Comments: This project is complete

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/27/2004
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/29/2006
Comments: No comments made. Draft Final not needed.

Completed Area Name: Water Board Lead
Completed Sub Area Name: B-186 Motor Pool Area
Completed Document Type: Removal Action Completion Report
Completed Date: 10/30/2004
Comments: completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/24/2004
Comments: This task is completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/21/2005
Comments: This report is done

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/15/2005
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/18/2005
Comments: This document does not require comments

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 27A/B
Completed Document Type: * Site Closure Report
Completed Date: 08/27/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 12/11/2004
Comments: Remedial Action Plan implements a Pump and Treat remedy for VOC contaminated groundwater.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/10/2005
Comments: DTSC concurred with the remedial design and remedial action for the OU- 1B soil.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/27/2005
Comments: This document is complete

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/19/2005
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Technical Workplan
Completed Date: 08/14/2005
Comments: Completed

Completed Area Name: OU-4
Completed Sub Area Name: AS
Completed Document Type: Removal Action Completion Report
Completed Date: 06/23/2005
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/26/2007
Comments: The project is complete

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/12/2007
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 16
Completed Document Type: * Site Closure Report
Completed Date: 08/17/2004
Comments: Completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Fact Sheets
Completed Date: 07/26/2007
Comments: Completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/26/2007
Comments: The fact sheet is complete.

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/27/2004
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 10/14/2008
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 90
Completed Document Type: * Site Closure Report
Completed Date: 01/05/2005
Comments: Completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MMS-7
Completed Document Type: * Site Closure Report
Completed Date: 04/06/2005
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/22/2005
Comments: Completeed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: 5 Year Review Reports
Completed Date: 11/20/2006
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Removal Action Completion Report
Completed Date: 03/10/2006
Comments: Waterboard approved on 2/1/06

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 12/23/2005
Comments: This is waterboard lead

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/29/2006
Comments: No comments made.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/23/2005
Comments: dtsc letter is not required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability for Early Transfer
Completed Date: 09/17/2007
Comments: Governor signed the Early transfer package on September 17, 2007.

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222/ MTBE GW Cleanup
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/08/2007
Comments: Report is complete.

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/16/2013
Comments: completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/12/2006
Comments: Completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/12/2006
Comments: Completed

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/14/2006
Comments: No comments or letter necessary, report accepted as final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/28/2007
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/09/2007
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 12/14/2006
Comments: No letter is required

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/10/2006
Comments: DTSC reviewed the document. DTSC comments were adequately addressed.

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/12/2006
Comments: DTSC reviewed the document. DTSC comments were adequately addressed.

Completed Area Name: OU-4B
Completed Sub Area Name: 6
Completed Document Type: Technical Workplan
Completed Date: 10/11/2006
Comments: DTSC reviewed the document. DTSC comments were adequately addressed.

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/24/2007
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/02/2007
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 10/02/2007
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222/ MTBE GW Cleanup
Completed Document Type: Technical Report
Completed Date: 04/23/2007
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 10/02/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 07/02/1992
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222/ MTBE GW Cleanup
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/02/2009
Comments: Completed the document review

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/01/2008
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/04/2010
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222/ MTBE GW Cleanup
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/17/2009
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/04/2010
Comments: Completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 10/13/2009
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 07/23/2008
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/30/2008
Comments: No comments

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 12/30/2008
Comments: No comment

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/30/2009
Comments: Groundwater Monitoring Report for OU 4B approved.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/30/2008
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/30/2008
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/18/2008
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 11/18/2008
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 01/27/2009
Comments: No Comment

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 03/29/2010
Comments: ROD has been signed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 03/04/2010
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Plan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 09/24/2009
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 08/12/2008
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 29A
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/12/2010
Comments: The Report is final and complete

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 09/09/2008
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 09/24/2009
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 11/17/2009
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 01/27/2010
Comments: Final Report. NO comments were submitted

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/18/2010
Comments: Complete

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/24/2009
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/17/2009
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/27/2010
Comments: No comments were needed.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/27/2010
Comments: Completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 03/04/2010
Comments: Completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 02/24/2010
Comments: report completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 12/17/2010
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/04/2010
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222/ MTBE GW Cleanup
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/13/2009
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 06/30/2009
Comments: Work Plan for Installation of GW wells at OU 4B approved.

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/24/2009
Comments: Final revised report was sent by Navy

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Operations and Maintenance Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 10/07/2009
Comments: Water Board Lead. The document review is completed by DTSC

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 10/29/2009
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 29A
Completed Document Type: Removal Action Workplan
Completed Date: 12/15/2009
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 12/08/2008
Comments: Document complete

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 08/17/2010
Comments: Final. No comments required

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 10/28/2010
Comments: This is a final document. comments or letter is not necessary

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 12/27/2010
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/17/2010
Comments: Final. No comments required

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/28/2010
Comments: This is a final document. comments or letter is not necessary

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2010
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/28/2010
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/28/2010
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 08/05/2011
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/10/2010
Comments: Data summary report No comments are necessary

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/07/2010
Comments: Complete

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2010
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/18/2012
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/30/2010
Comments: The final letter was sent

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/14/2011
Comments: Report Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 11/30/2010
Comments: Final letter is sent

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 11/09/2010
Comments: No comments are necessary. Data summary report

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 12/14/2010
Comments: completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/27/2010
Comments: completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/20/2011
Comments: Water bOard is the lead DTSC has already sent the comments. We have no other comments

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 12/17/2010
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 07/08/2010
Comments: Work Plan is approved via telephone

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 01/29/2012
Comments: No final letter is required

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/26/2011
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/29/2012
Comments: NO letter is required

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 01/09/2013
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/09/2013
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 05/02/2011
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/18/1999
Comments: This document is uploaed Federal Facilities Agreement which was signed on August 18th 1999

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/30/2011
Comments: Completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/30/2011
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Document Type: Monitoring Report
Completed Date: 03/27/2012
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: 5 Year Review Reports
Completed Date: 01/10/2012
Comments: Completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 01/10/2012
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: MMS-04 (AREA B)
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/21/2011
Comments: Report complete

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/20/2011
Comments: Data summary report No final letter is required

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/20/2011
Comments: No comments are necessary

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/27/2012
Comments: Completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: 5 Year Review Reports
Completed Date: 01/10/2012
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/22/2013
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/08/2011
Comments: completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 05/17/2012
Comments: It is a data package letter report. No comments were sent

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 10/14/2012
Comments: Semi annual submitted as final

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 01/09/2013
Comments: completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 11/08/2013
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/17/2012
Comments: It is a data package letter report. No comments were sent

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/14/2012
Comments: Semi annual submitted as final

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/09/2013
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/08/2013
Comments: completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Long Term Monitoring Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 10/09/2012
Comments: completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Long Term Monitoring Report
Completed Date: 08/16/2013
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/24/2014
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 09/30/2015
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 04/23/2013
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Other Report
Completed Date: 01/16/2013
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Other Report
Completed Date: 07/03/2013
Comments: Water Board is in charge for this document. No DTSC letter was sent

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 09/24/2013
Comments: EPA is in charge in approving this document. No DTSC final is needed.

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 06/30/2016
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/26/2014
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 11/19/2014
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 03/16/2016
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/19/2014
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/11/2015
Comments: done

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/14/2015
Comments: completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Long Term Monitoring Report
Completed Date: 06/12/2014
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Long Term Monitoring Report
Completed Date: 06/30/2015
Comments: completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 02/24/2010
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 03/28/2011
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Long Term Monitoring Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 10/16/2013
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 10/16/2013
Comments: completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Amendment
Completed Date: 01/16/2015
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/27/2014
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/20/2016
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: 11(Area B)
Completed Document Type: Monitoring Report
Completed Date: 08/15/2013
Comments: This report is complete.

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/12/2017
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 10/23/2014
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 01/03/2018
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 10/08/2015
Comments: done

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/23/2014
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/08/2015
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/12/2017
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Long Term Monitoring Report
Completed Date: 08/17/2017
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/08/2016
Comments: Site Charac. report needed to be reviewed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 08/24/2014
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 09/05/2015
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 07/29/2016
Comments: none

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 02/24/2015
Comments: letter was sent

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 01/12/2017
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 03/16/2016
Comments: HERO review got delayed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/26/2014
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: 3
Completed Document Type: Technical Report
Completed Date: 01/12/2017
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/02/2014
Comments: No letter is required Up date document

Completed Area Name: REUSE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/02/2014
Comments: completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Finding of Suitability for Early Transfer
Completed Date: 08/08/2007
Comments: Completed early transfer

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/24/2015
Comments: completed

Completed Area Name: REUSE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/24/2015
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 05/13/2015
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 05/13/2015
Comments: completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 05/13/2015
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: 3
Completed Document Type: Other Report
Completed Date: 05/06/2015
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/24/2015
Comments: completd

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/24/2015
Comments: completed

Completed Area Name: REUSE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/22/2016
Comments: RWQCB lead...only petroleum issues

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 08/17/2017
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 01/12/2017
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: ETP-24-1a
Completed Document Type: Land Use Restriction

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 01/28/2008
Comments: Not reported

Completed Area Name: OU-4
Completed Sub Area Name: AS
Completed Document Type: Remedial Action Plan
Completed Date: 06/25/2004
Comments: RAP - ASAOC: The Final Action Memeorandum (AM)/Remedial Action Plan (RAP) addresses a non-time critical removal action for removal of soil contaminated with arsenic at the Arsenic Area of Concern. The contaminated soil will be disposed at permitted off-site facility. The Removal Action for this site is deemed consistent with Division 20, Chapter 6.8, California Health and Safety Code. This removal action will reduce the human risk associated with arsenic contaminated soil.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: S16AB
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/07/2003
Comments: PEA - ST16A&ST16B: The Site Inspection (SI) report summarizes the results of previous investigations conducted at ST 16A and 16B. The Navy found polycyclic aromatic hydrocarbons (PAH) in soils in earlier investigations at these two sites. They completed a removal action of contaminated soils in 1997. Post-removal soil sampling sound some additional contamination with PAH. The subject report documents the Department of the Navy's (DON's) risk screening evaluation at the site and based on the risk estimates recommends a No Further Action (NFA) site closure for ST16A and ST16B. DTSC did not concur with the NFA recommendation.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MOOR5
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/21/2002
Comments: PEA - MOOR Pad 4 and 5 (MOOR5): The preliminary Assessment was performed to evaluate the distribution of polycyclic aromatic hydrocarbons at the Mooring pads, Twenty Seven direct-push soil samples were collected from depths ranging from 6 inches to 18 inches below ground surface at Mooring Pad 4. Five samples were collected at the degraded locations at the Mooring Pad 5. The results of the screening risk assessment indicate that concentrations at the Mooring Pad 4 and 5 are with in the risk management decision reange and pose acceptable risk levels and recommended no further action. DTSC concurs with the recommendation.

Completed Area Name: FOST4
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 12/04/2002
Comments: FOST - FOST4: DTSC reviewed and commented on the FOST for a portion of Parcel 24. DTSC was unable to concur on the suitability of Parcel 24 for transfer because the portion of Parcel 24, that is the the subject of this FOST, includes buildings where potential releases of lead from lead-based paint were not evaluated. Additionally, MCAS Tustin is a permitted Hazardous Waste Facility under California law and DTSC cannot concur with a FOST until the necessary permit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

modification is complete.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: REV
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 01/09/2003
Comments: PPP - REV: The CRP describes a comprehensive community relations program being conducted in conjunction with the Installation Restoration Program (IRP) investigation and environmental cleanup activities at the Former MCAS Tustin. The purpose of the CRP is twofold: to identify concerns the community may have regarding cleanup efforts and to determine the best methods for conducting and enhancing communication between the Navy and the local community.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MAW01
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/20/2002
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: *Action Memorandum (if <\$1M)
Completed Date: 10/22/2001
Comments: RAW - TCRA1A: An Action Memorandum/Removal Action Work Plan (AM/ RAW) was prepared to document for the administrative record the Department of Navy's decision to undertake a time-critical removal action (TCRA) to initiate groundwater extraction to hydraulically contain groundwater contaminated with volatile organic compounds (VOCs), principally 1,2,3-TCP. The TCRA will eliminate further downgradient migration of contaminated groundwater and prevent vertical migration to the underlying regional aquifer. The extracted groundwater will be treated using granular activated carbon (GAC) and discharged to Peters Canyon Channel through a storm drain or injected back to the aquifer. Discharge to Peters Canyon Channel will comply with the substantive provisions of Regional Water Quality Control Board (RWQCB), Santa Ana Region, Order Number 96-18, General National Pollution Discharge Elimination System (NPDES) Permit Number CAG918001. Discharge will also comply with supplementary RWQCB requirements (e.g. discharge limits for 1,2,3-TCP) that are not included in the General Permit. DTSC approved the AM/RAW on August 17, 2001.

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: * CEQA
Completed Date: 11/18/2004
Comments: OU-1A consists of a vehicle maintenance facility and wash pad known as IRP Site 13S. The site includes Buildings 16 and 50, formerly used for vehicle maintenance, and a former wash pad. The buildings and wash pad occupy an area of approximately 3,400 square yards in the northwestern corner of former MCAS Tustin. The lateral extent of the associated 1,2,3-trichloropropane (1,2,3-TCP) groundwater plume is approximately 27 acres. VOCs are the contaminants of concern at IRP-13S. The Navy proposes to remediate soil and groundwater contaminated by hazardous substances at Operable Unit (OU) 1A, Site 13S, which are located on the former Marine Corps Air Station (MCAS)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Tustin. DTSC has prepared a revised initial study pursuant to the requirements of the California Environmental Quality Act(CEQA, Section 21000 et.seq., California Public Resources Code) and implementing Guideline (Section 15000 et seq., Title 14, California Code of Regulations). Based upon this analysis, DTSC has determined that the proposed project will not have a significant effect upon the environment and a Negative Declaration was prepared. DTSC approved the CEQA Notice of Determination on November 18, 2004.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 11/18/2004
Comments:

OU-1B consists of a paint stripper disposal area known as IRP-3 that occupies approximately 1.4 acres. The site includes seven buildings, several of which were used for chemical storage, painting, and paint stripping operations from 1967 to 1999 when military activities were discontinued. Solvents, paint strippers, battery acids, and water used for washing inactive oil/water separators were reportedly poured directly onto the ground outside some of the buildings. In addition, OU-1B consists of a drum storage area known as IRP-12 occupies a total area of about 3.5 acres. The site was used by the Marine Corps primarily for materials storage and warehouse functions from the mid-1960s to 1975. Solvents, motor oil, and hydraulic fluids were stored in this area. The Navy proposes to remediate soil and groundwater contaminated by hazardous substances at Operable Unit (OU) 1B, Sites 3 and 12, which are located on the former Marine Corps Air Station (MCAS) Tustin. DTSC has prepared a revised initial study pursuant to the requirements of the California Environmental Quality Act(CEQA, Section 21000 et.seq., California Public Resources Code) and implementing Guideline (Section 15000 et seq., Title 14, California Code of Regulations). Based upon this analysis, DTSC has determined that the proposed project will not have a significant effect upon the environment and a Negative Declaration was prepared. DTSC approved the CEQA Notice of Determination on November 18, 2004.

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: * CEQA
Completed Date: 08/17/2001
Comments:

CEQA - RA1A: An Initial Study and a Negative Declaration were prepared by Department of Toxic Substances Control (DTSC) for a time-critical removal action (TCRA) for IRP site 13S. The TCRA consists of groundwater extraction to hydraulically contain groundwater contaminated with volatile organic compounds (VOCs), principally 1,2,3-TCP. TCRA will eliminate further downgradient migration of contaminated groundwater and prevent vertical migration to the underlying regional aquifer. The extracted groundwater will be treated using granular activated carbon (GAC) and discharged to Peters Canyon Channel through a storm drain or injected back to the aquifer. Discharge to Peters Canyon Channel will comply with the substantive provisions of Regional Water Quality Control Board (RWQCB), Santa Ana Region, Order Number 96-18, General National Pollution Discharge Elimination System (NPDES) Permit Number CAG918001. Discharge will also comply with supplementary RWQCB requirements (e.g. discharge limits for 1,2,3-TCP) that are not included in the General Permit. DTSC has found, on the basis of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Initial Study and comments received on the Negative Declaration, that there is no substantial evidence that this project will a significant effect on the environment. The Notice of Determination was forwarded to the Office of Environmental Analysis, Regulations and Audits 17, 2001 for filling.

Completed Area Name: OU-2
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 12/12/2000
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 11/07/1996
Comments: RIFS for Site 13 W - Engineering Evaluation/Cost Analysis for a removal of petroleum and lead contaminated soils at Drum Storage Area No.3 located west of Building 16 (IRP-13W) Removal Action Workplan (RAW) will be prepared to remove petroleum and lead contaminated soils. ' RAW for Site 13 W - Removal of petroleum and lead contaminated soils. Disposing of lead contaminated and high level petroleum contaminated soils at proper land fills and treating low level petroleum contaminated at the local thermal desorption unit. A California Environmental Quality Act document was prepared and public noticed along with the RAW. A negative declaration was approved on November 7, 1996. ' CEQA for Site 13 W - Prepared California Environmental Quality Act/Negative Declaration document for a removal of petroleum and leadcontaminated soils. Disposing of lead contaminated and high level petroleum contaminated soils at proper landfills and treating low level petroleum contaminated soil at the local thermal desorption unit.

Completed Area Name: Transfer Parcels
Completed Sub Area Name: ETP 24-1b
Completed Document Type: Land Use Restriction
Completed Date: 06/05/2008
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Land Use Restriction
Completed Date: 05/14/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Federal Facility SR Agreement
Completed Date: 08/18/1999
Comments: ORDER(FFSRA) - BASEWIDE: DTSC entered into an enforceable agreement with the United States Navy for the Marine Corps Air Station located in Tustin, California on August 18, 1999. Elsie L. Muncell, the Deputy Assistant Secretary of the Navy (Environment & Safety) and John Scandura, Chief of the Southren California Branch of the Military Facilities, signed the Federal Facilities Site Remediation Agreement(FFSRA). The purpose of the agreement was to ensure that the Navy's corrective action obligations required by the Resource

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Conservation and Recovery Act (RCRA) permit, are complied with environmental impacts associated with past military activities at the facility are investigated and that the appropriate corrective, removal and/or remedial actions are taken as necessary. The FFSRA provides for DTSC review and approval of a Site Management Plan (SMP), document submittals, and quarterly progress report in accordance with specified deadlines.

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/20/2006
Comments: A land use covenant was recorded on July 20, 2006 that restricts residential, industrial and other use, since it was a former landfill. The Moffett Trenches and Crash Crew Burn Pit was designated as OU-3 and is also known as Installation Restoration Program Site 1. OU-3 is generally bounded to the northeast by the southern edge of Edinger Avenue, to the northwest by the western edge of the access road on the northwest edge of the Jamboree Road roadbed fill (approximately 20 feet west of the landfill gas probes), to the southwest by the toe of the northern concrete support structure for the Jamboree Road overpass above Moffett Drive, and to the southeast by the western edge of the Peters Canyon Channel bottom where it meets the containment remedy wall or western channel bank. The OU-3 Record of Decision/Remedial Action Plan (ROD/RAP) was approved on December 20, 2001 and selected a surface cover, containment wall along Peters Canyon Channel; landfill gas, groundwater and surface water monitoring program; land use restrictions; and a contingency plan as the remedial action for OU-3. The ROD/RAP provided that the Covenant must provide for access for Department, the Regional Water Quality Control Board, and other regulatory agencies that have jurisdiction, including any contractor or representative acting at the direction of any such aforementioned entity. The areas of applicability of the restrictions set forth in this Covenant are referred to as the Property and are more particularly described and depicted in Exhibit A and B, respectively.

Completed Area Name: Transfer Parcels
Completed Sub Area Name: ETP 24-1b
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/25/2009
Comments: This report certifies land use controls in compliance

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 03/13/2009
Comments: Annual REport is complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 06/23/2011
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Document Type: Environmental Assessment
Completed Date: 03/29/2010
Comments: State Clearing House received completed document on March 30, 2010

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/21/2007
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: ETP-24-1a
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/25/2009
Comments: This complies with land use controls

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 06/24/2010
Comments: PERF document signed and Complete

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 08/14/2008
Comments: Land use annual report is complete

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Finding of Suitability to Transfer
Future Due Date: 2018
Future Area Name: OU-1B
Future Sub Area Name: Not reported
Future Document Type: Record of Decision - Amendment
Future Due Date: 2019
Schedule Area Name: OU-1A
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction - Amendment
Schedule Due Date: 03/15/2018
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 30970002
Status: Active
Status Date: 06/01/1986
Site Code: 401384
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 1600
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 8 - Santa Ana, US EPA
Lead Agency: SMBRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Program Manager: Omoruyi Patrick
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Navy
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: BRAC 91
Latitude: 33.71638
Longitude: -117.8308
APN: NONE SPECIFIED
Past Use: UNKNOWN, FUEL - VEHICLE STORAGE/ REFUELING, VEHICLE MAINTENANCE, AIRFIELD OPERATIONS, AIRFIELD OPERATIONS, FUEL - VEHICLE STORAGE/ REFUELING, AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS, DEGREASING FACILITY, FUEL - AIRCRAFT STORAGE/ REFUELING, FUEL - VEHICLE STORAGE/ REFUELING, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, JET FUEL STORAGE/REFUELING, OIL/WATER SEPARATORS, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, ABOVE GROUND STORAGE TANKS, FUEL - VEHICLE STORAGE/ REFUELING, OIL/WATER SEPARATORS, RESIDENTIAL AREA, TRANSPORTATION - PIPELINE, UNDERGROUND STORAGE TANKS, RESIDENTIAL AREA, ABOVE GROUND STORAGE TANKS, FUEL - VEHICLE STORAGE/ REFUELING, OIL/WATER SEPARATORS, RESIDENTIAL AREA, ABOVE GROUND STORAGE TANKS, FUEL - VEHICLE STORAGE/ REFUELING, FUEL TERMINALS, OIL/WATER SEPARATORS, UNDERGROUND STORAGE TANKS, ABOVE GROUND STORAGE TANKS, AIRFIELD OPERATIONS, FUEL - VEHICLE STORAGE/ REFUELING, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE, UNDERGROUND STORAGE TANKS, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, PAINT/DEPAINT FACILITY, AIRFIELD OPERATIONS, AIRCRAFT MAINTENANCE, AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS, AIRFIELD OPERATIONS, AIRCRAFT MAINTENANCE, ABOVE GROUND STORAGE TANKS, AGRICULTURAL - LIVESTOCK, AIRCRAFT MAINTENANCE, TRANSPORTATION - PIPELINE, UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE
Potential COC: Arsenic Arsenic TPH-JET FUEL Trichloroethylene (TCE Lead Polychlorinated biphenyls (PCBs TPH-diesel TPH-gas Methyl tertbutyl ether (MTBE Methyl tertbutyl ether (MTBE Methyl tertbutyl ether (MTBE TPH-diesel TPH-gas Polynuclear aromatic hydrocarbons (PAHs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-JET FUEL 1,1,2,2-Tetrachloroethane Vanadium and compounds TPH-diesel TPH-diesel TPH-gas TPH-diesel TPH-gas TPH-diesel TPH-gas TPH-diesel TPH-gas TPH-JET FUEL TPH-diesel TPH-JET FUEL TPH-diesel TPH-JET FUEL Trichloroethylene (TCE TPH-gas TPH-JET FUEL TPH-JET FUEL TPH-JET FUEL Trichloroethylene (TCE Trichloroethylene (TCE Trichloroethylene (TCE Trichloroethylene (TCE Trichloroethylene (TCE 1,1-Dichloroethane Trichloroethylene (TCE 1,2,3-Trichloropropane 1,2,3-Trichloropropane Asbestos Containing Materials (ACM Lead Asbestos Containing Materials (ACM Lead Methyl tertbutyl ether (MTBE Trichloroethylene (TCE 1,2,3-Trichloropropane Asbestos Containing Materials (ACM Lead Polychlorinated biphenyls (PCBs TPH-JET FUEL Asbestos Containing Materials (ACM Lead Polychlorinated biphenyls (PCBs Dichlorvos Asbestos Containing Materials (ACM Lead TPH-gas TPH-JET FUEL Trichloroethylene (TCE Asbestos Containing Materials (ACM TPH-gas TPH-JET FUEL Polychlorinated biphenyls (PCBs, see IRIS
Confirmed COC: Arsenic TPH-diesel TPH-gas Lead Polychlorinated biphenyls (PCBs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Potential Description: TPH-diesel TPH-gas Polynuclear aromatic hydrocarbons (PAHs)
TPH-diesel TPH-gas Polynuclear aromatic hydrocarbons (PAHs Methyl
terbutyl ether (MTBE TPH-diesel TPH-gas Methyl tertbutyl ether
(MTBE Arsenic TPH-JET FUEL Trichloroethylene (TCE 30025-NO
TPH-diesel TPH-JET FUEL TPH-JET FUEL 1,2,3-Trichloropropane
Trichloroethylene (TCE TPH-diesel TPH-gas TPH-JET FUEL
Trichloroethylene (TCE 1,1-Dichloroethane Trichloroethylene (TCE
Trichloroethylene (TCE Methyl tertbutyl ether (MTBE Lead Methyl
terbutyl ether (MTBE 1,2,3-Trichloropropane Asbestos Containing
Materials (ACM Trichloroethylene (TCE TPH-gas Polychlorinated
biphenyls (PCBs, see IRIS TPH-JET FUEL Asbestos Containing Materials
(ACM TPH-diesel TPH-gas TPH-diesel TPH-JET FUEL
Trichloroethylene (TCE TPH-diesel TPH-gas Trichloroethylene (TCE
1,2,3-Trichloropropane Trichloroethylene (TCE
SOIL, OTH, SOIL, SOIL, OTH, SOIL, SOIL, OTH, OTH, OTH, SOIL,
SV, IA, OTH, SOIL, SOIL, OTH, SOIL, OTH, SOIL, OTH, SOIL, OTH, SOIL,
SOIL, SOIL, SOIL, OTH, SOIL, SOIL, OTH, SOIL, SV, IA, CSS, SOIL, OTH,
SOIL

Alias Name: CA9170090022
Alias Type: EPA Identification Number
Alias Name: 110018968287
Alias Type: EPA (FRS #)
Alias Name: 110033605748
Alias Type: EPA (FRS #)
Alias Name: DOD100391400
Alias Type: GeoTracker Global ID
Alias Name: DOD100391500
Alias Type: GeoTracker Global ID
Alias Name: DOD100391600
Alias Type: GeoTracker Global ID
Alias Name: DOD100391700
Alias Type: GeoTracker Global ID
Alias Name: DOD100393300
Alias Type: GeoTracker Global ID
Alias Name: DOD100393400
Alias Type: GeoTracker Global ID
Alias Name: DOD100393500
Alias Type: GeoTracker Global ID
Alias Name: DOD100393600
Alias Type: GeoTracker Global ID
Alias Name: DOD100395200
Alias Type: GeoTracker Global ID
Alias Name: DOD100395300
Alias Type: GeoTracker Global ID
Alias Name: DOD100395400
Alias Type: GeoTracker Global ID
Alias Name: DOD100395500
Alias Type: GeoTracker Global ID
Alias Name: DOD100395600
Alias Type: GeoTracker Global ID
Alias Name: DOD100397100
Alias Type: GeoTracker Global ID
Alias Name: DOD100397200
Alias Type: GeoTracker Global ID
Alias Name: DOD100397300
Alias Type: GeoTracker Global ID
Alias Name: DOD100397400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Alias Type:	GeoTracker Global ID
Alias Name:	DOD100397500
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100399000
Alias Type:	GeoTracker Global ID
Alias Name:	DOD100399100
Alias Type:	GeoTracker Global ID
Alias Name:	T0605900821
Alias Type:	GeoTracker Global ID
Alias Name:	T0605900982
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901127
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901133
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901451
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902029
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902116
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902147
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902171
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902174
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902255
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902256
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902257
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902258
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902259
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902269
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902270
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902302
Alias Type:	GeoTracker Global ID
Alias Name:	T0605912367
Alias Type:	GeoTracker Global ID
Alias Name:	T0605913495
Alias Type:	GeoTracker Global ID
Alias Name:	T0605916524
Alias Type:	GeoTracker Global ID
Alias Name:	T0605917443
Alias Type:	GeoTracker Global ID
Alias Name:	T0605924898
Alias Type:	GeoTracker Global ID
Alias Name:	T0605927252
Alias Type:	GeoTracker Global ID
Alias Name:	T0605928561
Alias Type:	GeoTracker Global ID

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Alias Name: T0605929054
Alias Type: GeoTracker Global ID
Alias Name: T0605930603
Alias Type: GeoTracker Global ID
Alias Name: T0605932715
Alias Type: GeoTracker Global ID
Alias Name: T0605941131
Alias Type: GeoTracker Global ID
Alias Name: T0605947657
Alias Type: GeoTracker Global ID
Alias Name: T0605958842
Alias Type: GeoTracker Global ID
Alias Name: T060596014
Alias Type: GeoTracker Global ID
Alias Name: T0605961360
Alias Type: GeoTracker Global ID
Alias Name: T0605969605
Alias Type: GeoTracker Global ID
Alias Name: T0605971046
Alias Type: GeoTracker Global ID
Alias Name: T0605975637
Alias Type: GeoTracker Global ID
Alias Name: T0605979817
Alias Type: GeoTracker Global ID
Alias Name: T0605985348
Alias Type: GeoTracker Global ID
Alias Name: T0605986620
Alias Type: GeoTracker Global ID
Alias Name: T0605993771
Alias Type: GeoTracker Global ID
Alias Name: T0605997510
Alias Type: GeoTracker Global ID
Alias Name: T0605998451
Alias Type: GeoTracker Global ID
Alias Name: P43028
Alias Type: PCode
Alias Name: 400091
Alias Type: Project Code (Site Code)
Alias Name: 401384
Alias Type: Project Code (Site Code)
Alias Name: 30970002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 06/23/2011
Comments: Completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PCL21
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/19/2001
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PCL35

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/19/2001
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/14/2006
Comments: Not reported

Completed Area Name: FOSL3
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Lease
Completed Date: 04/26/2002
Comments: FOSL - FOSL3: DTSC reviewed and commented on the FOSL 3. DTSC concurs with the Navy that the property could be leased in a manner that is protective of human health and the environment with the specified restrictions, conditions and notifications set forth in the FOSL.

Completed Area Name: FOST3
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 04/22/2002
Comments: FOST - FOST3: DTSC reviewed and commented on the FOST 3 for Parcels 23,29,34,35,36 and portions of 1,16,17,24,27,28,40, and 41 and found parcel 36 and portions of 24 and 41 to be environmentally suitable for transfer for their intended use. ' DTSC is unable to concur with the suitability of Parcels 1 and 17 for transfer. The 1998 MCAS Tustin Specific Plan/Reuse Plan Errata identifies Parcels 1 and 17 as educational/recreational use. As a result, it is possible that the reuse of these parcels could include school sites, meaning kindergarden through grade 12 (elementary, middle and high schools). Additional detail is not provided for Parcel 1 and the Base Realignment and Closure (BRAC) Business Plan 2002 (in review) designates the land use of Parcel 17 as a High School. Pursuant to the California Education Code, section 17210 et seq; a separate and comprehensive environmental review is required for sites where stat funds will be used for property acquisition or school construction. This review process includes an evaluation of whether hazardous materials on the property have been or could be released that would endanger students. Because this separate environmental review has not been conducted for Parcels 1 and 17, DTSC cannot determine if these parcels are suitable for the intended use. ' DTSC was unable to concur with the suitability of Parcels 23, 29, 34, 35, and portions of Parcels 1, 16, 27, 28, and 40 for transfer. These parcels include buildings/structures where potential releases of lead from lead-based paint (LBP) were not evaluated or where sufficient information was not provided for DTSC to determine if LBP is a potential issue. DTSC considers the presence of exterior LBP that has been released to the soil to pose a potential release to the environment pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986.

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Lease

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 02/27/2002
Comments: DTSC reviewed and commented on the FOSL for Southern Parcels CO Areas 1,2,3 and 4. DTSC concurs with the Navy that the Southern Parcels CO Areas property is suitable for lease for the purposed intended (commercial/business) subject to the conditions, notifications, and restrictions set forth in the FOSL.

Completed Area Name: FOST2
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 09/19/2001
Comments: FOST - FOST2: DTSC reviewed and commented on the FOST for Southern Parcels 4 - 8, 10 - 12, 14, 42 and Parcels 25, 26, 30 -33, 37 and Portions of 40 and 41 and found Parcels 3 - 8, 10 - 12, 14, 42 and Parcels 25, 26, 30, 32, 33, 37 and Portions 41 to be environmentally suitable for transfer for their intended use. ' DTSC was unable to concur on the suitability of Parcel 31 for transfer. The MCAS Tustin Specific Plan/Reuse Plan Errata (City of Tustin 1998) identifies this parcel as future elementary school site. Pursuant to the California Education Code, section 17210 et seq., a separate and comprehensive environmental review is required for sites where state funds will be used for property acquisition or school construction. The Education Code requires that DTSC make a determination as to the suitability of the property for school use based on this review. The review process includes an evaluation of whether hazardous material on the property have been or could be released that would endanger school students. Because this separate environmental review has not been conducted for Parcel 31 DTSC was unable to determine if these parcel was suitable for use as elementary school sites and, therefore, we did not concur with the Finding of Suitability for this parcel. ' In addition, DTSC was unable to concur with the suitability of Parcel 4 and portions of Parcel 40 for transfer. These parcels may have lead based paint (LBP) that has been released to the soil. DTSC maintains that lead in soil from LBP is a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) release to the environment. Building 176 (Parcel No. 4), Buildings 180, 181, 182 (Parcel No. 40), and Structure 237 (Parcel No. 4) were all constructed prior to 1978, the year when lead based paint products were discontinued. Navy did not conduct soil sampling to determine whether soils surrounding these buildings contain concentrations of lead from LBP which may pose a threat to human health and the environment. Until such sampling is performed, DTSC cannot determine whether, pursuant to CERCLA 120(a)(3), all actions have been taken at these two parcels to remedy potential releases of lead to the environment from LBP.

Completed Area Name: FOST1
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 09/27/2001
Comments: FOST - FOST1: DTSC reviewed and commented on the FOST for Parcels 3, 21, 38, 39, and Portions of 40 and found Parcels 3, 38 and portions of 40 to be environmentally suitable for transfer for their intended use as transitional/emergency housing, community park/road and transportation/circulation facilities, respectively. ' DTSC was unable to concur on the suitability of Parcels 21 and 39 for transfer. The MCAS Tustin Specific Plan/Reuse Plan Errata (City of Tustin 1998) identifies these parcels as future elementary school sites. Pursuant

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

to the California Education Code, section 17210 et seq., a separate and comprehensive environmental review is required for sites where state funds will be used for property acquisition or school construction. The Education Code requires that DTSC make a determination as to the suitability of the property for school use based on this review. The review process includes an evaluation of whether hazardous materials on the property have been or could be released that would endanger school students. Because this separate environmental review has not been conducted for Parcels 21 and 39, DTSC was unable to determine if these parcels were suitable for use as elementary school sites and, therefore, we did not concur with the finding of Suitability for these two parcels.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ASAOC
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/26/2003
Comments: OM: This Operation and Maintenance Plan (OMP) presents inspection and maintenance, Long-Term Monitoring (LTM), and contingency plans, including frequency of monitoring and reporting requirements to be used in support of the final remedy selected for OU-3, with the goal of protecting human health and the environment. Detailed descriptions of requirements for conducting fieldwork and data management activities are presented as attachments to this OMP including Land-Use Control Implementation and Certification Plan.

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Removal Action Completion Report
Completed Date: 09/09/2005
Comments: The soil removal action achieved the objective of excavating VOC-contaminated soil in the vadose zone above the cleanup level. The confirmation soil samples indicated that the lateral extent of VOC-contaminated soil above the cleanup goal was removed. The removal of contaminated soil made it possible for the builder to install the utilities at this site.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MAE7
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/17/2001
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MWA15
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/17/2001
Comments: PEA - MWA15: Analytical results for hand-auger, pothole, and excavation confirmation soil samples from Site MWA-15 were below the target cleanup levels or laboratory reporting limits. These results indicate that soil at this site has not been impacted. Therefore, no

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

further action is required for this site. ' PEA - UST89: Analytical results for the confirmation soil sample collected from the bottom floor of the excavation were below the target cleanup level or laboratory reporting limits, indicating that soil at the site has not been impacted. Therefore, no further action is required for this site. ' PEA - MAE7: This is a miscellaneous air emission area, consists of two separate areas: Building 273(Test Cell) and Building 231 (Engine Test Area). The activities of PEA included facility decontamination, collection and analysis of rinse water samples, and subsurface soil sampling using a hand auger. Analytical results for the rinse water samples and soil samples and soil samples were below source water (i.e., fire hydrant water) concentrations with the following exceptions: aluminum, barium, iron, molybdenum, selenium, and vanadium, which were below the tap water PRGs; and calcium, magnesium, and potassium, which are common metals for which no PRGs have been established. Soil sample results were below target cleanup levels and laboratory reporting limits, indicating that soils at the site were not impacted. The results of the risk screening assessment indicate that concentrations at Site MAE-07 pose acceptable risk levels. Therefore, no further action is required.

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Remedial Action Plan
Completed Date: 12/02/2004
Comments: The OU-1A ROD/RAP presents the selected remedial action consisting of excavating soil contaminated with volatile organic compound (VOC) from a hot spot area, disposing this soil at a permitted facility, and extracting and treating VOC-contaminated groundwater using a granular activated carbon (GAC) system from a hot spot area and containment wells at site IRP 13S. Hot spot areas are classified as soil and groundwater contamination area that are characterized by the highest concentrations of VOC chemicals. The remediation of soil and groundwater hot spots will expedite the cleanup of groundwater.

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Feasibility Study Report
Completed Date: 09/05/2003
Comments: RIFS - OU1A: The Feasibility Study develops and evaluates potential remedial alternatives to mitigate risks to human health from groundwater, contaminated with volatile organic compounds originated at IRP Site 13S. This FS involved screening technologies and associated process options according to effectiveness, implementability, and cost. The retained options were assembled into remedial alternatives and then evaluated against regulatory criteria.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ST-5A
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/26/2000
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ST13A
Completed Document Type: Preliminary Endangerment Assessment Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 06/26/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/14/2004
Comments: PEA-DSD7: The Site Inspection (SI) report summarizes the results of previous investigations conducted at DSD-07. Based on the delineation results, DSD-07 does not appear to be the source of trichloroethylene (TCE) contamination in the area. This is based on the low levels of TCE found in shallow soils directly below the storm drain line to 6 feet below ground surface. The site data do not indicate a release occurred directly from DSD-07. Based on the information Navy requested No Further Action (NFA) for the site. DTSC did concur with the NFA recommendation.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MAW7
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/06/2001
Comments: PEA - MAW7 : Sites MAW-7, MAW-8 and MAW-16 each abandoned well was closed according to Orange County Health Care Agency guidelines. Samples were collected from the groundwater that was displaced during backfilling of wells MAW-7 & MAW-16 with grout. The samples were analyzed for disposal characterization purposes. A minimal amount of water was produced during the grouting of MAW-8 and, therefore, a sample was not collected. Analytical results for the groundwater samples were below either target cleanup levels or laboratory reporting limits. Because soil samples were not collected from Sites MAW-7, MAW-8 and MAW-16, a risk screening assessment was not required. Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ST35
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/22/2001
Comments: PEA : Facility decontamination and subsurface sampling was conducted at eight sites. Excavation of impacted soil was performed at Sites ST-36, ST-51, and ST-88. The contaminated soil was treated in a thermal desorption unit (TDU) located on site. In the no-Landscaped excavated areas, non-impacted over- burden and treated soil was used as backfill material. The excavation was compacted to greater than 90 percent relative compaction to surface grade. In the landscaped excavation areas or areas scheduled for demolition, no compaction testing was performed. ' ST-35, ST-89, ST-90 and ST-91 - Analytical results for rinse water and soil boring samples support no further action. ' ST-36 and ST-51 - Analytical results for soil boring and confirmation soil samples support no further action ' ST-72A - Results of the screening risk assessment indicate that the concentrations at ST-72A pose acceptable risk levels and support no further action. ' ST-88 - The analytical results for the rinse water samples and the deeper soil sample results support no further action. However, the shallow hot spot areas with elevated concentrations of arsenic(as identified at ST-86, ST-88, and MAE-03) will be addressed as a separate arsenic AOC report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ST18B
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/01/2001
Comments: PEA - SITE 18B: In 1995, a Resource Conservation and Recovery Act (RCRA) Facility Assessment was completed for MCAF Tustin. Site 18B was identified as potentially contaminated site. Hand auger samples were collected and contaminated soil was excavated. The results of the screening risk assessment showed acceptable levels and support no further action.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MWA10
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/30/2001
Comments: PEA - MWA10: The contaminated soil was treated in a thermal desorption unit (TDU) located on site. In the non-landscaped excavated areas, non-impacted overburden and treated soil was used as backfill material. The excavation was compacted to greater than 90 percent relative compaction to surface grade. In the landscaped excavation areas, no compaction testing was performed. Analytical results for the rinse water samples, soil samples, and excavation samples collected at the site was below source water concentrations (collected from local fire hydrants), target cleanup levels, or laboratory reporting limits. These results indicate that impacted soil at the site was removed. In addition, the results of the screening risk assessment support no further action.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: LPL
Completed Document Type: Finding of Suitability to Lease
Completed Date: 06/26/2000
Comments: PEA - ST-5A, ST-12, ST-22, ST-37B, ST-39, ST-42, ST-45: 1.) ST-5A and ST-12: The concrete pads were decontaminated and samples collected from the rinse water were below action levels. Soil samples were taken and results were also below action levels. 2.) ST-22: Soil samples were collected and results were below action levels. 3.) ST-37B: Results from soil samples triggered an excavation (approximately 129 tons) of TPH-impacted soil. The soil was treated at an on-site thermal desorption unit (TDU). confirmation sampling indicated that all TPH-impacted soil had been removed. 4.) ST-39 and ST-45: Results from soil samples triggered an excavation (approximately 22.3 tons and 27 tons) from ST-39 and ST-45 respectively of PAH-impacted soil. The soil was treated at an on-site thermal desorption unit (TDU). confirmation sampling indicated that all PAH-impacted soil had been removed. 5.) ST-42: The concrete building was decontaminated and samples collected from the rinse water were below action levels. Soil samples were taken and results were also below action levels. ' PEA - ST-13A, ST-13B, ST-18A, ST-26A, ST-34A, ST-46, ST-55, ST-60A, and ST-80: Facility decontamination was conducted at Sites ST-13A, ST-18A, ST-26A, ST-34A, ST-46, ST-55 and ST-56. A rinse water sample was taken and analyzed for each of the above sites. Soil sampling was also conducted for each of these sites. Based on the results of the screening risk assessment, the concentrations at sites ST-13A ST-13B, ST-18A, ST-26A, ST-34A and ST-56 pose acceptable risk levels. ' Soil sample results for ST-46 and ST-55 indicated that excavation was required. All confirmation sample results for ST-46 and ST- 55 were

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

below target cleanup levels and the results of the screening risk assessment indicate that concentrations at these two sites pose acceptable risk levels. ' Decontamination activities at ST-60A and ST-80 were not necessary because the sites were located on asphalt. The analytical results for soil samples from ST-60A and ST-80 were below target cleanup levels. The results of the screening risk assessment indicate that concentrations at ST-60A and ST-80 pose acceptable risk levels.

Completed Area Name: OU-2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 12/12/2000
Comments: RAP - OU2: No action is the selected remedy for the three IRP sites and nine AOCs. In selecting the no action remedy for these sites/AOCs, it was determined that the existing condition of the sites/AOCs is protective of human health and the environment. ' CEQA - OU2: A Notice of Exemption (NOE) for the OU-2 No Action Remedial Action Plan (RAP) was filed with the State Clearinghouse on September 28, 2000. DTSC found the project the project to be exempt under Title 14 California Code of Regulations (CCR), Section 15061(b)(3) based on the following: DTSC in conjunction with the RWQCB, U.S. EPA and DON, determined that no further remedial action is necessary to ensure the protection of human health and the environment at sites IRP-2, IRP-13E and AOCs AD-04, AS-06, AS-08, AST-02, AST-04, MDA-04, MDA-07, MMS-01, and MWA-03. This determination was based upon extensive field investigations, laboratory analyses, and a through assessment of potential human health risk assessments at each specific location. The results of the human health risk assessment at these sites/AOCs do not present an unacceptable risk to human health or the environment. Therefore, since DTSC has determined that there is no possibility that the project may have a significant effect on the environment, the activity is not subject to CEQA.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ST-7
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/03/2000
Comments: PEA - ST-7, ST-8, ST-21C, ST-21D, ST-21E, ST-21F, ST-79, and ST- 82: Under a Resource Conservation and Recovery Act (RCRA) Facility Assessment completed on MCAS Tustin in 1995, the above sites were identified as potentially contaminated sites. Investigation and cleanup work was conducted under the RCRA Stabilization as required by the RCRA Permit. The Regional Water quality Control Board provided oversight of cleanup of petroleum contamination. DTSC's Office of Military Facilities provided oversight of removal and remediation of hazardous material contamination and reviewed the final closure reports for the above sites in accordance with the RCRA and Comprehensive Environmental Recovery Compensation and Liability Act (CERCLA) guidelines, and pursuant to the Federal Facilities Site Remediation Agreement (FFSRA), signed on 8/18/1999. Remedial actions were taken at these sites as follows: 1) At Sites ST-7, ST-21D and ST-82 the concrete slab was decontaminated using mechanical scrubbing and pressure washing with detergent and rinsed with source water. A rinsate sample was taken and tested for metal and chlorinated solvents. In addition, soil samples were taken and analyzed for the same chemicals. Levels found where below action level. However rinse

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

water was still collected and treated in the onsite thermal desorption unit (TDU) before being discharged into the sanitary sewer. 2) At Site ST-8, soil samples were taken and analyzed for TPH-extractable, Solvents, PCBs, and metals. All samples were below PRGs. 3) At ST-21C, soil and groundwater samples were taken and screened for solvents, metals and petroleum. Methyl-Tertiary- Butyl-Ether MTBE was detected in the soil above action level. Impacted soil was removed and treated on site at the local TDU, confirmation samples were taken. 4) At ST-21E, soil samples were taken and analyzed for solvents, metals, PCBs, and petroleum. One sample indicated a high hit of benzo(a)pyrene. Impacted soil was removed and treated on site at the local TDU, confirmation samples were taken. 5) At ST-2F the concrete slab was decontaminated using mechanical scrubbing and pressure washing with detergent and rinsed with source water. A rinsate sample was taken and tested for metals, chlorinated solvents and PCBs. In addition, soil samples were taken and analyzed for the same chemicals. Levels found were below action level. However rinse water was still collected and treated in the onsite thermal desorption unit before being discharged into the sanitary sewer. 6) At ST-79, soil samples were taken and analyzed for TPH-extractable, chlorinated Solvents, pesticides, PCBs, and metals. One sample detected contained Aroclor-1260, and dieldrin above action level. Impacted soil was removed and is being stockpiled and will be transported off site for storage.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MWA-5
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/15/2000
Comments: PEA - MWA-05, TOW-06, UST-508, MWA-12, TOW-11, UST-251, MWA-13, TOW-12, UST-252: Under a Resource Conservation and Recovery Act (RCRA) Facility Assessment completed on MCAS Tustin in 1995, the above sites were identified as potentially contaminated sites. Remediation actions were taken at these sites as follows; 1) At Site MWA-05, a total of 25 samples were collected and tested for TPH-extractable. TOW-06 and UST-508 were excavated confirmation samples were taken. Sample results were below action levels. 2) At MWA-12, the concrete pad was decontaminated and final rinsate samples showed no detection of contamination. Rinsate water was collected and treated on site before being discharged into the channel under the NPDES permit. In addition, soil samples were taken at MWA-12, TOW-11, UST-251 after the removal of the oil/water separator and the assigned Storage tank (UST-251). Samples collected triggered an excavation of 156 tons of TPH impacted soil at UST-251 site. Deeper confirmation samples indicated the removal of the impacted soil which was treated at the onsite Thermal Desorption Unit (TDU). 3) For MWA-13 the concrete pad was decontaminated and rinsate samples were taken. Rinsate samples indicated no contamination present, however rinsate water was collected and treated locally before being discharged into Peter Canyon Channel. For TOW-12 and UST-252, The oil/water and the tank were removed. Soil samples taken at both sites triggered an excavation of TPH impacted soil at UST-252. 82 tons of soil were removed and treated at the local TDU.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MDA-6
Completed Document Type: Preliminary Endangerment Assessment Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 03/22/2000
Comments: PEA - MDA-06, AME-05, MAE-06, MWA-01, UST-530B, TOW-X1 & TOW-X8:
Under a Resource Conservation and Recovery Act (RCRA) Facility Assessment completed on MCAS Tustin in 1995, the above sites were identified as potentially contaminated sites. Remediation actions were taken at these sites as follows; 1) At Site MDA-06, 1,247 tons of impacted soil were removed, of which 901 tons were impacted with Total Petroleum Hydrocarbons (TPH) and trace pesticides and was transported for McKittrick Waste Management for disposal. The remaining 346 tons were impacted with lead and pesticides and was transported to Chemical Waste Management's Class I treatment, storage and disposal facility. 2) MAE-05 was decontaminated using mechanical scrubbing and pressure washing with detergent and rinsed with source water. A rinsate sample was taken, and was found to contain endrin aldehyde, methylene chloride and bromodichloro- methane with endrin aldehyde above action levels. The site was decontaminated again and endrin aldehyde dropped to acceptable levels. Two drums of paint chips were collected and shipped as non-RCRA hazardous waste to Chemical Waste Management's Facility, and 3,000 gallons of decontamination water were collected in a Baker tank and treated on site at the carbon adsorption treatment unit and properly discharged. 3) MAE-06 was decontaminated using mechanical scrubbing and pressure washing with detergent and rinsed with source water. A rinsate sample that contained calcium , magnesium, sodium and zine was collected; these metals do not pose a risk on human health or the environment. 4) MWA-01 was decontaminated using mechanical scrubbing and pressure washing with detergent and rinsed with source water. A rinsate sample containing below action levels of trihalomethanes, bromodichloro- methane, chloroform, and dibromochloromethane was collected. Rinsate water from the site was treated at the onsite carbon adsorption treatment unit and discharged. 5) At UST-530B, approximately 926 tons of TPH impacted soil were removed and treated at the on-site Thermal Disorption Unit and 65,000 gallons of ground water were removed and treated at the onsite carbon adsorption treatment unit and properly discharged. 7) At TOW-X1, the oil/water separator was removed, and approximately 78 tons of polychlorinated biphenyl (PCB)/pesticide impacted soil were removed and transported to proper treatment and recycling facility. TOW-X8; The oil/water separator was removed and after collection of soil samples it was noted that all samples showed contamination below action levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 08/31/2004
Comments: RIFS - OU4: The shallow groundwater investigation was performed at sites where at least one VOC had been previously reported at concentrations exceeding its maximum contaminant level (MCL). Discrete groundwater samples were collected at 121 locations using HydroPunch sampling techniques and were analyzed for VOCs. Data obtained from the shallow groundwater investigation were used to revise risk assessments for some OU-4 sites and IRP-5N, IRP-5S(b), IRP-8, IRP-11, IRP-16, MMS-04 Areas A and C were recommended for NFA. DTSC concurs with this recommendation. RIFS - OU4: The shallow groundwater investigation was performed at sites where at least one VOC had been previously reported at concentrations exceeding its maximum contaminant level (MCL). Discrete groundwater samples were

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

collected at 121 locations using HydroPunch sampling techniques and were analyzed for VOCs. Data obtained from the shallow groundwater investigation were used to revise risk assessments for some OU-4 sites and IRP-5N, IRP-5S(b), IRP-8, IRP-11, IRP-16, MMS-04 Areas A and C were recommended for NFA. DTSC concurs with this recommendation. RIFS - OU4: The shallow groundwater investigation was performed at sites where at least one VOC had been previously reported at concentrations exceeding its maximum contaminant level (MCL). Discrete groundwater samples were collected at 121 locations using HydroPunch sampling techniques and were analyzed for VOCs. Data obtained from the shallow groundwater investigation were used to revise risk assessments for some OU-4 sites and IRP-5N, IRP-5S(b), IRP-8, IRP-11, IRP-16, MMS-04 Areas A and C were recommended for NFA. DTSC concurs with this recommendation.

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Remedial Action Plan
Completed Date: 12/20/2001
Comments: The ROD/RAP was issued on May 17, 2000 and signed by DTSC on December 18, 2001. The ROD/RAP documents the final selected remedial action for the Moffett Trenches and crash Crew Burn Pits site. The major components of the selected remedial action for OU-3 are institutional controls, groundwater and surface-water monitoring, landfill gas monitoring, inspection and maintenance of the containment wall and cover, maintenance of the French drain system and associated sumps, maintenance of monitoring wells and security features, and periodic reviews. In addition, the land use controls include use restrictions, notification procedures, inspections of physical structures, contingency plans, and five-year reviews.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 12/02/2004
Comments: The OU-1B ROD/RAP presents the selected remedial action consisting of excavating soil contaminated with volatile organic compound (VOC) from a hot spot area, disposing this soil at a permitted facility, and extracting and treating VOC-contaminated groundwater using a granular activated carbon (GAC) system from a hot spot area and containment wells at site IRP sites 3 and 12. Hot spot areas are classified as soil and groundwater contamination area that are characterized by the highest concentrations of VOC chemicals. The remediation of soil and groundwater hot spots will expedite the cleanup of groundwater.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 03/21/2002
Comments: RIFS - OU1B: IRP Sites 3 and 12. The Feasibility Study (FS) develops and evaluates potential remedial alternatives to mitigate risks to human health from groundwater, contaminated with volatile organic compounds, principally trichloroethene (TCE), and related organic solvents originated at Sites 3 and 12. This FS involved screening technologies and associated process options according to effectiveness, implementability, and cost. The retained options were

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

assembled into remedial alternatives and then evaluated against regulatory criteria.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Baseline Survey
Completed Date: 06/19/2001
Comments: BWEBS - BW: Department of Defense and Department of the Navy policy and guidance documents, along with currently available information generated from on-site investigations, visual inspections, personnel interviews, regulatory records searches, aerial photograph reviews, reviews of data for adjacent properties, and chain-of-title searches, are the basis for this report. This Basewide EBS Report supplements the April 1994 MCAS Tustin EBS for the Community Environmental Response Facilitation Act of 1992 Report and the April 1997 MCAS Tustin EBS for Parcels 6, 8B, 8C, 11A, 33, 38, 39, 41A, and 41B. ' CEQA - OU3: DTSC completed a Special Initial Study to evaluate the potential for adverse environmental impact for the Proposed remedial action identified in the Record of Decision/Remedial Action Plan (ROD/RAP). The remedial action includes application of institutional controls, inspection and maintenance of the concrete containment wall and surface cover, monitoring of ground water and surface water, monitoring of landfill gas, maintenance of the french drain system and associated sumps, periodic reviews of monitoring results, and preparation of a contingency plan. Based on the Special Initial Study, a Negative Declaration was prepared pursuant to the provisions of CEQA. The draft Negative Declaration was circulated for a 30-day public review and comment period. DTSC has found, on the basis of the Special Initial Study and comments received on the Negative Declaration, that there is no substantial evidence that the project will have a significant effect on the environment. ' PEA - PCL35 and PCL 21: The Department of Navy has a lead-in-soil sampling program. Its objective, at MCAF Tustin is to evaluate potential lead-based paint hazards in the soil adjacent to the housing units within the housing areas constructed prior to 1978. Lead-based paint on the exterior of the houses could potentially flake off of the housing units and impact soil in the yard and also in areas adjacent to the perimeter of the house. A work plan was developed for the evaluation of potential lead-based paint hazards in soil at the former housing areas, one of which is Moffett Meadows (PCL 35) and Tustin Villas (PCL21). The intent of the soil sampling at the housing areas was to determine whether further evaluation was necessary prior to transferring the property for future use. Based on the sampling results, it was determined that no further action was required for lead-based paint in soil at Moffett Meadows or at Tustin Villas.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MWA03
Completed Document Type: Removal Action Completion Report
Completed Date: 12/20/1998
Comments: Not reported

Completed Area Name: IRP-9
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/26/2000
Comments: IRP 9A: Between July 1997 and September 1997, approximately 676 tons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

of PAH-contaminated soil and 25 tons of total petroleum hydrocarbon (TPH)-contaminated soil was excavated and treated from IRP-9A Subareas 1 and 2 combined. The contaminated soil was transported to the on-site thermal desorption unit (TDU), treated, and transported back to IRP-9A for use as backfill in the excavation. The removal action at IRP 9A Subarea 2 encompassed the boundaries of two STs: ST-40A and ST-40B. The remaining STs were outside the excavation limits of the removal action. ' IRP 9B: Between October 1998 and January 1999, approximately 3788 tons of PAH-contaminated soil from IRP 9B Subarea 1 and 3049 tons of PAH-contaminated soil from IRP 9B Subarea 3 were excavated and treated. The contaminated soil was transported to the on-site thermal desorption unit (TDU), treated, and transported back to IRP-9B for use as backfill in the excavation. The removal action at IRP 9B Subarea 1 encompassed the boundaries of two STs: ST-47A and ST-47B. ' Based on the post-removal action human health risk assessment, it was determined that exposure to the remaining soil and residual PAH concentrations at IRP 9A and IRP 9B would result in a human health risk well within the acceptable range for resident children and industrial workers, and at the NCP point of departure for resident adults, as defined by the EPA for unrestricted residential or industrial use.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SITE2
Completed Document Type: Removal Action Completion Report
Completed Date: 11/20/1998
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: 13W
Completed Document Type: Removal Action Completion Report
Completed Date: 11/20/1998
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TUST2
Completed Document Type: * Community Environmental Response Facilitation Act
Completed Date: 03/12/1998
Comments: CERFA - TUST2: Subsequent to the April 14, 1994 CERFA concurrence, an additional environmental investigation and evaluation of the MCAS Tustin found additional areas within the base that meets the CERFA uncontaminated criteria in accordance with the amendment to Section 120(h)(4) of CERCLA. These areas included the agricultural land which were evaluated under a pesticide investigation in 1996. The investigation found these areas to contain pesticides at concentrations within or below the statistical range for land of similar use at MCAS Tustin and the levels are not a threat to human health or the environment. Additional areas were also identified based on the Base wide groundwater investigation of 1994. These areas were found to be property upon which no hazardous substances and no petroleum products or their derivatives were known to have been released or disposed of, including no migration of these substances from adjacent areas. These properties are eligible for CERFA concurrence.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PRCL3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Document Type: Finding of Suitability to Lease
Completed Date: 01/29/1999
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 9PRCL
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 02/11/1998
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: HNGR2
Completed Document Type: Finding of Suitability to Lease
Completed Date: 05/28/1997
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: HNGR2
Completed Document Type: Environmental Baseline Survey
Completed Date: 05/28/1997
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Feasibility Study Report
Completed Date: 03/24/1999
Comments: Investigation of various AOC located throughout the base by reviewing various reports and identifying if a hazardous release occurred or not. If this could not be identified by researching the historical data, samples were collected and evaluated. All AOC that were found to be hazardous will be treated under the remedial action process or the removal action process. This PEA was prepared to also satisfy RCRA Facility Assessment (RFA) requirements.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: B-93
Completed Document Type: Finding of Suitability to Lease
Completed Date: 07/26/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: B-93
Completed Document Type: Environmental Baseline Survey
Completed Date: 07/26/1996
Comments: Not reported

Completed Area Name: 2,9
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 12/17/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: VAR.
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/19/1997
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 13W
Completed Document Type: *Action Memorandum (if <\$1M)
Completed Date: 11/07/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/17/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 13W
Completed Document Type: Feasibility Study Report
Completed Date: 07/24/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 12/17/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 12/17/1995
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 16
Completed Document Type: Removal Action Completion Report
Completed Date: 12/17/1995
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: P-33
Completed Document Type: Environmental Baseline Survey
Completed Date: 06/30/1995
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MCAST
Completed Document Type: * Community Environmental Response Facilitation Act
Completed Date: 04/18/1994
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MCAST
Completed Document Type: Environmental Baseline Survey
Completed Date: 04/14/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 06/21/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/27/1992
Comments: Conditional approval of Navy's SI Report was granted. Navy performed SI sampling of 9 sites that were recommended for further study in their Initial Assessment Study (IAS). The following sites were recommended for RI in the report: Site 3 - Paint Stripper, Site 5 - Drainage No.1, Site 7 - Rapid Refuel Sta Site 12 - Drum Stg. area No.2, & Site 13 - Drum Stg. area No.3. Site 9 - Hangar No. 1 is recommended for removal & confirmation sampling. Site 15 - Blimp Hangar Disposal does not exist. Although Sites 2 & 8 were recommended NFA, DTSC disagreed because the area had been graded and samples were not taken deep enough to test the original ground.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: VSI
Completed Document Type: Site Screening
Completed Date: 10/17/1991
Comments: A Meeting was held at El Toro MCAS to discuss scheduling of base closure and activities necessary. A Federal Facilities Site Remediation Agreement draft was sent to the base commander. Navy SWDIV decided to negotiate a "blanket" FFSRA to cover all 23 bases in SWDIV.

Completed Area Name: FOST5
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 09/12/2003
Comments: Based upon DTSC's review of Final FOST #5 DTSC submitted a non-concurrence letter

Completed Area Name: FOST6
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 09/17/2004
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/21/2005
Comments: this task is completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/21/2005
Comments: This task is completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Base / Site Management Plan
Completed Date: 04/14/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: This project is completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/31/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 05/15/2005
Comments: This document is completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 03/01/2006
Comments: DTSC letter was signed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/30/2005
Comments: This is a field work. No reports were done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/30/2005
Comments: Completed for this year

Completed Area Name: OU-4A
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 12/11/2004
Comments: Not reported

Completed Area Name: OU-4A
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 08/27/2004
Comments: This project is complete

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/27/2004
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/29/2006
Comments: No comments made. Draft Final not needed.

Completed Area Name: Water Board Lead

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Sub Area Name: B-186 Motor Pool Area
Completed Document Type: Removal Action Completion Report
Completed Date: 10/30/2004
Comments: completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/24/2004
Comments: This task is completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/21/2005
Comments: This report is done

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/15/2005
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/18/2005
Comments: This document does not require comments

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 27A/B
Completed Document Type: * Site Closure Report
Completed Date: 08/27/2004
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 12/11/2004
Comments: Remedial Action Plan implements a Pump and Treat remedy for VOC contaminated groundwater.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/10/2005
Comments: DTSC concurred with the remedial design and remedial action for the OU- 1B soil.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/27/2005
Comments: This document is complete

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Document Type: Technical Workplan
Completed Date: 06/19/2005
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Technical Workplan
Completed Date: 08/14/2005
Comments: Completed

Completed Area Name: OU-4
Completed Sub Area Name: AS
Completed Document Type: Removal Action Completion Report
Completed Date: 06/23/2005
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/26/2007
Comments: The project is complete

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/12/2007
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 16
Completed Document Type: * Site Closure Report
Completed Date: 08/17/2004
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Fact Sheets
Completed Date: 07/26/2007
Comments: Completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/26/2007
Comments: The fact sheet is complete.

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/27/2004
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 10/14/2008
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 90
Completed Document Type: * Site Closure Report
Completed Date: 01/05/2005
Comments: Completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MMS-7
Completed Document Type: * Site Closure Report
Completed Date: 04/06/2005
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/22/2005
Comments: Completeed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: 5 Year Review Reports
Completed Date: 11/20/2006
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Removal Action Completion Report
Completed Date: 03/10/2006
Comments: Waterboard approved on 2/1/06

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/23/2005
Comments: This is waterboard lead

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/29/2006
Comments: No comments made.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/23/2005
Comments: dtsc letter is not required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability for Early Transfer
Completed Date: 09/17/2007
Comments: Governor signed the Early transfer package on September 17, 2007.

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222/ MTBE GW Cleanup
Completed Document Type: Operations and Maintenance Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 11/08/2007
Comments: Report is complete.

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/16/2013
Comments: completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/12/2006
Comments: Completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/12/2006
Comments: Completed

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/14/2006
Comments: No comments or letter necessary, report accepted as final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/28/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/09/2007
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 12/14/2006
Comments: No letter is required

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/10/2006
Comments: DTSC reviewed the document. DTSC comments were adequately addressed.

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/12/2006
Comments: DTSC reviewed the document. DTSC comments were adequately addressed.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-4B
Completed Sub Area Name: 6
Completed Document Type: Technical Workplan
Completed Date: 10/11/2006
Comments: DTSC reviewed the document. DTSC comments were adequately addressed.

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/24/2007
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/02/2007
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 10/02/2007
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222/ MTBE GW Cleanup
Completed Document Type: Technical Report
Completed Date: 04/23/2007
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/02/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 07/02/1992
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222/ MTBE GW Cleanup
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/02/2009
Comments: Completed the document review

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/01/2008
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 03/04/2010
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222/ MTBE GW Cleanup
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/17/2009
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/04/2010
Comments: Completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 10/13/2009
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 07/23/2008
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/30/2008
Comments: No comments

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 12/30/2008
Comments: No comment

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/30/2009
Comments: Groundwater Monitoring Report for OU 4B approved.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/30/2008
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/30/2008
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/18/2008
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 11/18/2008
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 01/27/2009
Comments: No Comment

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 03/29/2010
Comments: ROD has been signed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 03/04/2010
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Plan
Completed Date: 09/24/2009
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 08/12/2008
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 29A
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/12/2010
Comments: The Report is final and complete

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 09/09/2008
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 09/24/2009
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 11/17/2009
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 01/27/2010
Comments: Final Report. NO comments were submitted

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/18/2010
Comments: Complete

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/24/2009
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/17/2009
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/27/2010
Comments: No comments were needed.

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/27/2010
Comments: Completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 03/04/2010
Comments: Completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 02/24/2010
Comments: report completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 12/17/2010
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/04/2010
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222/ MTBE GW Cleanup
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/13/2009
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 06/30/2009
Comments: Work Plan for Installation of GW wells at OU 4B approved.

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/24/2009
Comments: Final revised report was sent by Navy

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/07/2009
Comments: Water Board Lead. The document review is completed by DTSC

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 10/29/2009
Comments: Not reported

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 29A
Completed Document Type: Removal Action Workplan
Completed Date: 12/15/2009
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 12/08/2008
Comments: Document complete

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 08/17/2010
Comments: Final. No comments required

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 10/28/2010
Comments: This is a final document. comments or letter is not necessary

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 12/27/2010
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/17/2010
Comments: Final. No comments required

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/28/2010
Comments: This is a final document. comments or letter is not necessary

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2010
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/28/2010
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/28/2010
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 08/05/2011
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/10/2010
Comments: Data summary report No comments are necessary

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/07/2010
Comments: Complete

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/27/2010
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/18/2012
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/30/2010
Comments: The final letter was sent

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/14/2011
Comments: Report Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 11/30/2010
Comments: Final letter is sent

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 11/09/2010
Comments: No comments are necessary. Data summary report

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 12/14/2010
Comments: completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/27/2010
Comments: completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Operations and Maintenance Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 12/20/2011
Comments: Water bOard is the lead DTSC has already sent the comments. We have no other comments

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 12/17/2010
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 07/08/2010
Comments: Work Plan is approved via telephone

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 01/29/2012
Comments: No final letter is required

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/26/2011
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/29/2012
Comments: NO letter is required

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 01/09/2013
Comments: completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/09/2013
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 05/02/2011
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/18/1999
Comments: This document is uploaed Federal Facilities Agreement which was signed on August 18th 1999

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/30/2011
Comments: Completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/30/2011
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 03/27/2012
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: 5 Year Review Reports
Completed Date: 01/10/2012
Comments: Completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 01/10/2012
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: MMS-04 (AREA B)
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/21/2011
Comments: Report complete

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Document Type: Monitoring Report
Completed Date: 12/20/2011
Comments: Data summary report No final letter is required

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/20/2011
Comments: No comments are necessary

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/27/2012
Comments: Completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: 5 Year Review Reports
Completed Date: 01/10/2012
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/22/2013
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/08/2011
Comments: completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 05/17/2012
Comments: It is a data package letter report. No comments were sent

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 10/14/2012
Comments: Semi annual submitted as final

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 01/09/2013
Comments: completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 11/08/2013
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/17/2012
Comments: It is a data package letter report. No comments were sent

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/14/2012
Comments: Semi annual submitted as final

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/09/2013
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/08/2013
Comments: completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Long Term Monitoring Report
Completed Date: 10/09/2012
Comments: completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Long Term Monitoring Report
Completed Date: 08/16/2013
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/24/2014
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 09/30/2015
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 04/23/2013
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Other Report
Completed Date: 01/16/2013
Comments: Completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Other Report
Completed Date: 07/03/2013
Comments: Water Board is in charge for this document. No DTSC letter was sent

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 09/24/2013
Comments: EPA is in charge in approving this document. No DTSC final is needed.

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 06/30/2016
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/26/2014
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 11/19/2014
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 03/16/2016
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/19/2014
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/11/2015
Comments: done

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/14/2015
Comments: completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Long Term Monitoring Report
Completed Date: 06/12/2014
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Long Term Monitoring Report
Completed Date: 06/30/2015
Comments: completed

Completed Area Name: Water Board Lead
Completed Sub Area Name: UST 222
Completed Document Type: Monitoring Report
Completed Date: 02/24/2010
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 03/28/2011
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Long Term Monitoring Report
Completed Date: 10/16/2013
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 10/16/2013
Comments: completed

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Amendment
Completed Date: 01/16/2015
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 02/27/2014
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/20/2016
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: 11(Area B)
Completed Document Type: Monitoring Report
Completed Date: 08/15/2013
Comments: This report is complete.

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/12/2017
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 10/23/2014
Comments: Completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 01/03/2018
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Monitoring Report
Completed Date: 10/08/2015
Comments: done

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/23/2014
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/08/2015
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/12/2017
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Long Term Monitoring Report
Completed Date: 08/17/2017
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/08/2016
Comments: Site Charac. report needed to be reviewed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 08/24/2014
Comments: completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 09/05/2015
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 07/29/2016
Comments: none

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/24/2015
Comments: letter was sent

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 01/12/2017
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 03/16/2016
Comments: HERO review got delayed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/26/2014
Comments: Not reported

Completed Area Name: OU-1B
Completed Sub Area Name: 3
Completed Document Type: Technical Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Date: 01/12/2017
Comments: Not reported

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/02/2014
Comments: No letter is required Up date document

Completed Area Name: REUSE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/02/2014
Comments: completed

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Finding of Suitability for Early Transfer
Completed Date: 08/08/2007
Comments: Completed early transfer

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/24/2015
Comments: completed

Completed Area Name: REUSE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/24/2015
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 05/13/2015
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 05/13/2015
Comments: completed

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 05/13/2015
Comments: completed

Completed Area Name: OU-1B
Completed Sub Area Name: 3
Completed Document Type: Other Report
Completed Date: 05/06/2015
Comments: Completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/24/2015
Comments: completd

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/24/2015
Comments: completed

Completed Area Name: REUSE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/22/2016
Comments: RWQCB lead...only petroleum issues

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Monitoring Report
Completed Date: 08/17/2017
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 01/12/2017
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: ETP-24-1a
Completed Document Type: Land Use Restriction
Completed Date: 01/28/2008
Comments: Not reported

Completed Area Name: OU-4
Completed Sub Area Name: AS
Completed Document Type: Remedial Action Plan
Completed Date: 06/25/2004
Comments: RAP - ASAOC: The Final Action Memeorandum (AM)/Remedial Action Plan (RAP) addresses a non-time critical removal action for removal of soil contaminated with arsenic at the Arsenic Area of Concern. The contaminated soil will be disposed at permitted off-site facility. The Removal Action for this site is deemed consistent with Division 20, Chapter 6.8, California Health and Safety Code. This removal action will reduce the human risk associated with arsenic contaminated soil.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: S16AB
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/07/2003
Comments: PEA - ST16A&ST16B: The Site Inspection (SI) report summarizes the results of previous investigations conducted at ST 16A and 16B. The Navy found polycyclic aromatic hydrocarbons (PAH) in soils in earlier investigations at these two sites. They completed a removal action of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

contaminated soils in 1997. Post-removal soil sampling sound some additional contamination with PAH. The subject report documents the Department of the Navy's (DON's) risk screening evaluation at the site and based on the risk estimates recommends a No Further Action (NFA) site closure for ST16A and ST16B. DTSC did not concur with the NFA recommendation.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MOOR5
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/21/2002
Comments: PEA - MOOR Pad 4 and 5 (MOOR5): The preliminary Assessment was performed to evaluate the distribution of polycyclic aromatic hydrocarbons at the Mooring pads, Twenty Seven direct-push soil samples were collected from depths ranging from 6 inches to 18 inches below ground surface at Mooring Pad 4. Five samples were collected at the degraded locations at the Mooring Pad 5. The results of the screening risk assessment indicate that concentrations at the Mooring Pad 4 and 5 are with in the risk management decision reange and pose acceptable risk levels and recommended no further action. DTSC concurs with the recommendation.

Completed Area Name: FOST4
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 12/04/2002
Comments: FOST - FOST4: DTSC reviewed and commented on the FOST for a portion of Parcel 24. DTSC was unable to concur on the suitability of Parcel 24 for transfer because the portion of Parcel 24, that is the the subject of this FOST, includes buildings where potential releases of lead from lead-based paint were not evaluated. Additionally, MCAS Tustin is a permitted Hazardous Waste Facility under California law and DTSC cannot concur with a FOST until the necessary permit modication is complete.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: REV
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 01/09/2003
Comments: PPP - REV: The CRP describes a comprehensive community relations program being conducted in conjunction with the Installation Restoration Program (IRP) investigation and environmental cleanup activities at the Former MCAS Tustin. The purpose of the CRP is twofold: to identify concerns the community may have regarding cleanup efforts and to determine the best methods for conducting and enhancing communication between the Navy and the local community.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MAW01
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/20/2002
Comments: Not reported

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: *Action Memorandum (if <\$1M)
Completed Date: 10/22/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: RAW - TCRA1A: An Action Memorandum/Removal Action Work Plan (AM/ RAW) was prepared to document for the administrative record the Department of Navy's decision to undertake a time-critical removal action (TCRA) to initiate groundwater extraction to hydraulically contain groundwater contaminated with volatile organic compounds (VOCs), principally 1,2,3-TCP. The TCRA will eliminate further downgradient migration of contaminated ground- water and prevent vertical migration to the underlying regional aquifer. The extracted groundwater will be treated using granular activated carbon (GAC) and discharged to Peters Canyon Channel through a storm drain or injected back to the aquifer. Discharge to Peters Canyon Channel will comply with the substantive provisions of Regional Water Quality Control Board (RWQCB), Santa Ana Region, Order Number 96-18, General National Pollution Discharge Elimination System (NPDES) Permit Number CAG918001. Discharge will also comply with supplementary RWQCB requirements (e.g. discharge limits for 1,2,3-TCP) that are not included in the General Permit. DTSC approved the AM/RAW on August 17, 2001.

Completed Area Name: OU-1A

Completed Sub Area Name: 13S

Completed Document Type: * CEQA

Completed Date: 11/18/2004

Comments: OU-1A consists of a vehicle maintenance facility and wash pad known as IRP Site 13S. The site includes Buildings 16 and 50, formerly used for vehicle maintenance, and a former wash pad. The buildings and wash pad occupy an area of approximately 3,400 square yards in the northwestern corner of former MCAS Tustin. The lateral extent of the associated 1,2,3-trichloropropane (1,2,3-TCP) groundwater plume is approximately 27 acres. VOCs are the contaminants of concern at IRP-13S. The Navy proposes to remediate soil and groundwater contaminated by hazardous substances at Operable Unit (OU) 1A, Site 13S, which are located on the former Marine Corps Air Station (MCAS) Tustin. DTSC has prepared a revised initial study pursuant to the requirements of the California Environmental Quality Act (CEQA, Section 21000 et seq., California Public Resources Code) and implementing Guideline (Section 15000 et seq., Title 14, California Code of Regulations). Based upon this analysis, DTSC has determined that the proposed project will not have a significant effect upon the environment and a Negative Declaration was prepared. DTSC approved the CEQA Notice of Determination on November 18, 2004.

Completed Area Name: OU-1B

Completed Sub Area Name: Not reported

Completed Document Type: * CEQA

Completed Date: 11/18/2004

Comments: OU-1B consists of a paint stripper disposal area known as IRP-3 that occupies approximately 1.4 acres. The site includes seven buildings, several of which were used for chemical storage, painting, and paint stripping operations from 1967 to 1999 when military activities were discontinued. Solvents, paint strippers, battery acids, and water used for washing inactive oil/water separators were reportedly poured directly onto the ground outside some of the buildings. In addition, OU-1B consists of a drum storage area known as IRP-12 occupies a total area of about 3.5 acres. The site was used by the Marine Corps primarily for materials storage and warehouse functions from the mid-1960s to 1975. Solvents, motor oil, and hydraulic fluids were

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

stored in this area. The Navy proposes to remediate soil and groundwater contaminated by hazardous substances at Operable Unit (OU) 1B, Sites 3 and 12, which are located on the former Marine Corps Air Station (MCAS) Tustin. DTSC has prepared a revised initial study pursuant to the requirements of the California Environmental Quality Act (CEQA, Section 21000 et seq., California Public Resources Code) and implementing Guideline (Section 15000 et seq., Title 14, California Code of Regulations). Based upon this analysis, DTSC has determined that the proposed project will not have a significant effect upon the environment and a Negative Declaration was prepared. DTSC approved the CEQA Notice of Determination on November 18, 2004.

Completed Area Name: OU-1A
Completed Sub Area Name: 13S
Completed Document Type: * CEQA
Completed Date: 08/17/2001
Comments: CEQA - RA1A: An Initial Study and a Negative Declaration were prepared by Department of Toxic Substances Control (DTSC) for a time-critical removal action (TCRA) for IRP site 13S. The TCRA consists of groundwater extraction to hydraulically contain groundwater contaminated with volatile organic compounds (VOCs), principally 1,2,3-TCP. TCRA will eliminate further downgradient migration of contaminated groundwater and prevent vertical migration to the underlying regional aquifer. The extracted groundwater will be treated using granular activated carbon (GAC) and discharged to Peters Canyon Channel through a storm drain or injected back to the aquifer. Discharge to Peters Canyon Channel will comply with the substantive provisions of Regional Water Quality Control Board (RWQCB), Santa Ana Region, Order Number 96-18, General National Pollution Discharge Elimination System (NPDES) Permit Number CAG918001. Discharge will also comply with supplementary RWQCB requirements (e.g. discharge limits for 1,2,3-TCP) that are not included in the General Permit. DTSC has found, on the basis of Initial Study and comments received on the Negative Declaration, that there is no substantial evidence that this project will have a significant effect on the environment. The Notice of Determination was forwarded to the Office of Environmental Analysis, Regulations and Audits 17, 2001 for filing.

Completed Area Name: OU-2
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 12/12/2000
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 11/07/1996
Comments: RIFS for Site 13 W - Engineering Evaluation/Cost Analysis for a removal of petroleum and lead contaminated soils at Drum Storage Area No.3 located west of Building 16 (IRP-13W) Removal Action Workplan (RAW) will be prepared to remove petroleum and lead contaminated soils. RAW for Site 13 W - Removal of petroleum and lead contaminated soils. Disposing of lead contaminated and high level petroleum contaminated soils at proper land fills and treating low level petroleum contaminated at the local thermal desorption unit. A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

California Environmental Quality Act document was prepared and public noticed along with the RAW. A negative declaration was approved on November 7, 1996. CEQA for Site 13 W - Prepared California Environmental Quality Act/Negative Declaration document for a removal of petroleum and leadcontaminated soils. Disposing of lead contaminated and high level petroleum contaminated soils at proper landfills and treating low level petroleum contaminated soil at the local thermal desorption unit.

Completed Area Name: Transfer Parcels
Completed Sub Area Name: ETP 24-1b
Completed Document Type: Land Use Restriction
Completed Date: 06/05/2008
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1
Completed Document Type: Land Use Restriction
Completed Date: 05/14/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Federal Facility SR Agreement
Completed Date: 08/18/1999
Comments: ORDER(FFSRA) - BASEWIDE: DTSC entered into an enforceable agreement with the United States Navy for the Marine Corps Air Station located in Tustin, California on August 18, 1999. Elsie L. Muncell, the Deputy Assistant Secretary of the Navy (Environment & Safety) and John Scandura, Chief of the Southren California Branch of the Military Facilities, signed the Federal Facilities Site Remediation Agreement(FFSRA). The purpose of the agreement was to ensure that the Navy's corrective action obligations required by the Resource Conservation and Recovery Act (RCRA) permit, are complied with environmental impacts associated with past military activities at the facility are investigated and that the appropriate corrective, removal and/or remedial actions are taken as necessary. The FFSRA provides for DTSC review and approval of a Site Management Plan (SMP), document submittals, and quarterly progress report in accordance with specified deadlines.

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/20/2006
Comments: A land use covenant was recorded on July 20, 2006 that restricts residential, industrial and other use, since it was a former landfill. The Moffett Trenches and Crash Crew Burn Pit was designated as OU-3 and is also known as Installation Restoration Program Site 1. OU-3 is generally bounded to the northeast by the southern edge of Edinger Avenue, to the northwest by the western edge of the access road on the northwest edge of the Jamboree Road roadbed fill (approximately 20 feet west of the landfill gas probes), to the southwest by the toe of the northern concrete support structure for the Jamboree Road overpass above Moffett Drive, and to the southeast by the western edge of the Peters Canyon Channel bottom where it meets the containment remedy wall or western channel bank. The OU-3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Record of Decision/Remedial Action Plan (ROD/RAP) was approved on December 20, 2001 and selected a surface cover, containment wall along Peters Canyon Channel; landfill gas, groundwater and surface water monitoring program; land use restrictions; and a contingency plan as the remedial action for OU-3. The ROD/RAP provided that the Covenant must provide for access for Department, the Regional Water Quality Control Board, and other regulatory agencies that have jurisdiction, including any contractor or representative acting at the direction of any such aforementioned entity. The areas of applicability of the restrictions set forth in this Covenant are referred to as the Property and are more particularly described and depicted in Exhibit A and B, respectively.

Completed Area Name: Transfer Parcels
Completed Sub Area Name: ETP 24-1b
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/25/2009
Comments: This report certifies land use controls in compliance

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 03/13/2009
Comments: Annual REport is complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 06/23/2011
Comments: Completed

Completed Area Name: OU-4B
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 03/29/2010
Comments: State Clearing House received completed document on March 30, 2010

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/21/2007
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: ETP-24-1a
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/25/2009
Comments: This complies with land use controls

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 06/24/2010
Comments: PERF document signed and Complete

Completed Area Name: OU-3
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 08/14/2008
Comments: Land use annual report is complete

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Finding of Suitability to Transfer
Future Due Date: 2018
Future Area Name: OU-1B
Future Sub Area Name: Not reported
Future Document Type: Record of Decision - Amendment
Future Due Date: 2019
Schedule Area Name: OU-1A
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction - Amendment
Schedule Due Date: 03/15/2018
Schedule Revised Date: Not reported

Calsite:

Region: GLENDALE
Facility ID: 30970002
Facility Type: CLOSE
Type: CLOSED MILITARY BASE
Branch: SO
Branch Name: OMF-SOUTHERN CALIF
File Name: Not reported
State Senate District: 06011986
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 97
SIC Name: NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Access: Controlled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: APEDDADA
Supervisor Responsible for Site: Not reported
Region Water Control Board: SA
Region Water Control Board Name: SANTA ANA
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 70
State Senate District Code: 33
Facility ID: 30970002
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: ASAOC
Proposed Budget: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

AWP Completion Date:	06252004
Revised Due Date:	Not reported
Comments Date:	06252004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	S16AB
Proposed Budget:	0
AWP Completion Date:	02072003
Revised Due Date:	Not reported
Comments Date:	02072003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	MOOR5
Proposed Budget:	0
AWP Completion Date:	11212002
Revised Due Date:	Not reported
Comments Date:	11212002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	FOST
Activity Name:	FINDING OF SUITABILITY TO TRANSFER
AWP Code:	FOST4
Proposed Budget:	0
AWP Completion Date:	12042002
Revised Due Date:	Not reported
Comments Date:	12042002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	REV
Proposed Budget:	0
AWP Completion Date:	01092003
Revised Due Date:	Not reported
Comments Date:	01092003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Unknown Type:	0
Facility ID:	30970002
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	OU3
Proposed Budget:	0
AWP Completion Date:	08312005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	MAW01
Proposed Budget:	0
AWP Completion Date:	05202002
Revised Due Date:	Not reported
Comments Date:	05202002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	TCRA1
Proposed Budget:	0
AWP Completion Date:	10222001
Revised Due Date:	Not reported
Comments Date:	10222001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	PCL21
Proposed Budget:	0
AWP Completion Date:	06192001
Revised Due Date:	Not reported
Comments Date:	06192001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	PCL35
Proposed Budget:	0
AWP Completion Date:	06192001
Revised Due Date:	Not reported
Comments Date:	06192001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	OU1B
Proposed Budget:	0
AWP Completion Date:	12312007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	OU1B
Proposed Budget:	0
AWP Completion Date:	02022006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	DES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Activity Name: DESIGN
AWP Code: OU1B
Proposed Budget: 0
AWP Completion Date: 12232004
Revised Due Date: Not reported
Comments Date: 12232004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: DEED
Activity Name: DEED RESTRICTIONS
AWP Code: OU1A
Proposed Budget: 0
AWP Completion Date: 03312008
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: OU1A
Proposed Budget: 0
AWP Completion Date: 11302006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	OU1A
Proposed Budget:	0
AWP Completion Date:	11302006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	FOSL
Activity Name:	FINDING OF SUITABILITY TO LEASE
AWP Code:	FOSL3
Proposed Budget:	0
AWP Completion Date:	04262002
Revised Due Date:	Not reported
Comments Date:	04262002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: FOST
Activity Name: FINDING OF SUITABILITY TO TRANSFER
AWP Code: FOST3
Proposed Budget: 0
AWP Completion Date: 04222002
Revised Due Date: Not reported
Comments Date: 04222002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: FOSL
Activity Name: FINDING OF SUITABILITY TO LEASE
AWP Code: FOSL2
Proposed Budget: 0
AWP Completion Date: 02272002
Revised Due Date: Not reported
Comments Date: 02272002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: FOST
Activity Name: FINDING OF SUITABILITY TO TRANSFER
AWP Code: FOST2
Proposed Budget: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

AWP Completion Date:	09192001
Revised Due Date:	Not reported
Comments Date:	09192001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	FOST
Activity Name:	FINDING OF SUITABILITY TO TRANSFER
AWP Code:	FOST1
Proposed Budget:	0
AWP Completion Date:	09272001
Revised Due Date:	Not reported
Comments Date:	09272001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	ASAOC
Proposed Budget:	0
AWP Completion Date:	06042002
Revised Due Date:	Not reported
Comments Date:	06042002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	OU3MW
Proposed Budget:	0
AWP Completion Date:	05142002
Revised Due Date:	Not reported
Comments Date:	05142002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	OU3
Proposed Budget:	0
AWP Completion Date:	06262003
Revised Due Date:	Not reported
Comments Date:	06262003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Unknown Type:	0
Facility ID:	30970002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	TCRA1
Proposed Budget:	0
AWP Completion Date:	10282005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	MAE7
Proposed Budget:	0
AWP Completion Date:	05172001
Revised Due Date:	Not reported
Comments Date:	05172001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	MWA15
Proposed Budget:	0
AWP Completion Date:	05172001
Revised Due Date:	Not reported
Comments Date:	05172001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU1A
Proposed Budget:	0
AWP Completion Date:	08312004
Revised Due Date:	Not reported
Comments Date:	12022004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	OU1A
Proposed Budget:	0
AWP Completion Date:	09052003
Revised Due Date:	Not reported
Comments Date:	09052003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	ST-5A
Proposed Budget:	0
AWP Completion Date:	06262000
Revised Due Date:	Not reported
Comments Date:	06262000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	ST13A
Proposed Budget:	0
AWP Completion Date:	06262000
Revised Due Date:	Not reported
Comments Date:	06262000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	DSD7
Proposed Budget:	0
AWP Completion Date:	06142004
Revised Due Date:	Not reported
Comments Date:	06142004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	MAW7
Proposed Budget:	0
AWP Completion Date:	02062001
Revised Due Date:	Not reported
Comments Date:	02062001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	ST35
Proposed Budget:	0
AWP Completion Date:	05222001
Revised Due Date:	Not reported
Comments Date:	05222001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	ST18B
Proposed Budget:	0
AWP Completion Date:	02012001
Revised Due Date:	Not reported
Comments Date:	02012001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	MWA10
Proposed Budget:	0
AWP Completion Date:	05302001
Revised Due Date:	Not reported
Comments Date:	05302001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: FOSL
Activity Name: FINDING OF SUITABILITY TO LEASE
AWP Code: LPL
Proposed Budget: 0
AWP Completion Date: 06262000
Revised Due Date: Not reported
Comments Date: 06262000
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OU2
Proposed Budget: 0
AWP Completion Date: 12122000
Revised Due Date: Not reported
Comments Date: 12122000
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: ST-7
Proposed Budget: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

AWP Completion Date:	03032000
Revised Due Date:	Not reported
Comments Date:	03032000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	MWA-5
Proposed Budget:	0
AWP Completion Date:	03152000
Revised Due Date:	Not reported
Comments Date:	03152000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	MDA-6
Proposed Budget:	0
AWP Completion Date:	03222000
Revised Due Date:	Not reported
Comments Date:	03222000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	OU4
Proposed Budget:	0
AWP Completion Date:	08312004
Revised Due Date:	Not reported
Comments Date:	08312004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU3
Proposed Budget:	0
AWP Completion Date:	12202001
Revised Due Date:	Not reported
Comments Date:	12202001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Unknown Type: 0
Facility ID: 30970002
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OU1B
Proposed Budget: 0
AWP Completion Date: 08312004
Revised Due Date: Not reported
Comments Date: 12022004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OU1B
Proposed Budget: 0
AWP Completion Date: 03212002
Revised Due Date: Not reported
Comments Date: 03212002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: BWEBS
Activity Name: BASEWIDE ENVIRONMENTAL BASELINE SURVEY
AWP Code: BW
Proposed Budget: 0
AWP Completion Date: 06192001
Revised Due Date: Not reported
Comments Date: 06192001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	MWA03
Proposed Budget:	0
AWP Completion Date:	12201998
Revised Due Date:	Not reported
Comments Date:	12201998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	218
Liquids Treated (Gals):	218
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	EXCAVATION OF 218 TONS OF PAH CONTAMINATED SOILS WHICH WERE PROCESSED WITH A PERMITTED ONSITE THERMAL DESORPTION UNIT.
For Commercial Reuse:	1
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	ST9AB
Proposed Budget:	0
AWP Completion Date:	09262000
Revised Due Date:	Not reported
Comments Date:	09262000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	6060
Action Included Capping:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	3.14000
Unknown Type:	0
Facility ID:	30970002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SITE2
Proposed Budget:	0
AWP Completion Date:	11201998
Revised Due Date:	Not reported
Comments Date:	11201998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	569
Liquids Treated (Gals):	569
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	THE PETROLEUM CONTAMINATED SOILS WERE PROCESSED WITH A PERMITTED ONSITE THERMAL DESORPTION UNIT.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	26.90000
Unknown Type:	0
Facility ID:	30970002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	13W
Proposed Budget:	0
AWP Completion Date:	11201998
Revised Due Date:	Not reported
Comments Date:	11201998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	4021
Liquids Treated (Gals):	4021
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	THE PCB AND LEAD CONTAMINATED SOILS WERE DISPOSED OF OFFSITE. THE PETROLEUM CONTAMINATED SOILS WERE PROCESSED WITH A PERMITTED ONSITE THERMAL DESORPTION UNIT.
For Commercial Reuse:	0
For Industrial Reuse:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

For Residential Reuse: 0.61000
Unknown Type: 0
Facility ID: 30970002
Activity: CERFA
Activity Name: COMMUNITY ENVIRONMENTAL RESPONSE FACILITATION ACT
AWP Code: TUST2
Proposed Budget: 0
AWP Completion Date: 03121998
Revised Due Date: Not reported
Comments Date: 03121998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: FOSL
Activity Name: FINDING OF SUITABILITY TO LEASE
AWP Code: PRCL3
Proposed Budget: 0
AWP Completion Date: 01291999
Revised Due Date: Not reported
Comments Date: 01291999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: FOST
Activity Name: FINDING OF SUITABILITY TO TRANSFER
AWP Code: 9PRCL
Proposed Budget: 0
AWP Completion Date: 02111998
Revised Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date:	02111998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	FOSL
Activity Name:	FINDING OF SUITABILITY TO LEASE
AWP Code:	HNGR2
Proposed Budget:	0
AWP Completion Date:	05281997
Revised Due Date:	Not reported
Comments Date:	05281997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	OU3S1
Proposed Budget:	0
AWP Completion Date:	03241999
Revised Due Date:	Not reported
Comments Date:	03241999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	FOSL
Activity Name:	FINDING OF SUITABILITY TO LEASE
AWP Code:	B-93
Proposed Budget:	0
AWP Completion Date:	07261996
Revised Due Date:	Not reported
Comments Date:	07261996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	1
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	2 & 9
Proposed Budget:	0
AWP Completion Date:	12171996
Revised Due Date:	Not reported
Comments Date:	12171996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	VAR.
Proposed Budget:	0
AWP Completion Date:	05191997
Revised Due Date:	Not reported
Comments Date:	05191997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	13 W
Proposed Budget:	0
AWP Completion Date:	11071996
Revised Due Date:	Not reported
Comments Date:	11071996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	BASEW
Proposed Budget:	0
AWP Completion Date:	12171996
Revised Due Date:	Not reported
Comments Date:	12171996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	13 W
Proposed Budget:	0
AWP Completion Date:	07241996
Revised Due Date:	Not reported
Comments Date:	07241996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	7EECA
Proposed Budget:	0
AWP Completion Date:	12171995
Revised Due Date:	Not reported
Comments Date:	12171995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	3EECA
Proposed Budget:	0
AWP Completion Date:	12171995
Revised Due Date:	Not reported
Comments Date:	12171995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	16
Proposed Budget:	0
AWP Completion Date:	12171995
Revised Due Date:	Not reported
Comments Date:	12171995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	CERFA
Activity Name:	COMMUNITY ENVIRONMENTAL RESPONSE FACILITATION ACT
AWP Code:	MCAST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Proposed Budget:	0
AWP Completion Date:	04181994
Revised Due Date:	Not reported
Comments Date:	04181994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	BWEBS
Activity Name:	BASEWIDE ENVIRONMENTAL BASELINE SURVEY
AWP Code:	MCAST
Proposed Budget:	0
AWP Completion Date:	04141994
Revised Due Date:	Not reported
Comments Date:	04141994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06211993
Revised Due Date:	Not reported
Comments Date:	06211993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	08271992
Revised Due Date:	Not reported
Comments Date:	08271992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	VSI
Proposed Budget:	0
AWP Completion Date:	10171991
Revised Due Date:	Not reported
Comments Date:	10171991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: ASOU4
Proposed Budget: 0
AWP Completion Date: 12312005
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: OU4
Proposed Budget: 0
AWP Completion Date: 02282010
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970002
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: OU4
Proposed Budget: 0
AWP Completion Date: 09302005
Revised Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	OU3
Proposed Budget:	0
AWP Completion Date:	05052005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	OU1B
Proposed Budget:	0
AWP Completion Date:	09302007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	OU1A
Proposed Budget:	0
AWP Completion Date:	12312008
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	OU1A
Proposed Budget:	0
AWP Completion Date:	09302004
Revised Due Date:	Not reported
Comments Date:	11182004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	OU1B
Proposed Budget:	0
AWP Completion Date:	11182004
Revised Due Date:	Not reported
Comments Date:	11182004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	RA1A
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08172001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	OU3
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06192001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	OU2
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12122000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	BASEW
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08181999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970002
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	13 W
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11071996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	NEWPORT FREEWAY AT EDINGER AVENUE
Alternate City,St,Zip:	TUSTIN, CA 92710
Background Info:	roundwater, and soils. Contaminants at the Base include: jet fuel, aviation gas, oil, solvents, battery acids, and hydraulic oil. The cleanup effort at MCAS Tustin includes 16 IRP sites. Subsequent studies have found that four sites require no further action and 12 sites require further investigation, or have remedial action currently underway. In addition, a remedial investigation of the Fuel Farm Area, where approximately 800,000 gallons of fuel is stored, was completed in 1988. The following is the summary of the sites. OU-1A: IRP- 13 South(vehicle maintenance and equipment wash area) OU1-B: IRP- 3 (paint stripper disposal area) and IRP- 12 (drum storage area No. 2) OU-2: IRP- 2, 9A/9B, 13 E (No further action is required at these sites) OU-3: IRP-1 (Moffett Trenches and Crash Crew Burn Pits) OU-4: IRP-6, IRP-8, IRP-5N, IRP5S(a), IRP5S(b), IRP-11, IRP- 13W, and IRP-16 Tustin Marine Corps Air Station was first commissioned in 1942, with the Navy Lighter Than Air (LTA) Blimps. The Air Station served as a LTA base until it was decommissioned in 1949. In 1951, the Base was recommissioned as Santa Ana Marine Corps Air Facility. In 1985, the Base was renamed Tustin Marine Corps Air Station. The Base's mission was to train and support helicopter squadrons. The Base was closed in July 1999 as a part of the Base Realignment and Closure (BRAC). Past waste management disposal operations at the Base have resulted in contamination of surface water, ground water, and soils.
Comments Date:	12202001
Comments:	number 18, 2001. The ROD/RAP documents the final selected remedial
Comments Date:	11182004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: t Former Marine Corps Air Station (MCAS) Tustin. The Marine C
Comments Date: 10222001
Comments: RAW) was prepared to document for the administrative record the D
Comments Date: 06262000
Comments: ST-60A and ST-80 were not necessary because the sites were locat
Comments Date: 11212002
Comments: PEA - MOOR Pad 4 and 5 (MOOR5): The preliminary Assessment was pe
Comments Date: 11212002
Comments: rformed to evaluate the distribution of polycyclic aromatic hydro
Comments Date: 11212002
Comments: carbons at the Mooring pads, Twenty Seven direct-push soil sample
Comments Date: 11212002
Comments: s were collected from depths ranging from 6 inches to 18 inches b
Comments Date: 11212002
Comments: elow ground surface at Mooring Pad 4. Five samples were collecte
Comments Date: 11212002
Comments: d at the degraded locations at the Mooring Pad 5. The results of
Comments Date: 11212002
Comments: the screening risk assessment indicate that concentrations at th
Comments Date: 11212002
Comments: e Mooring Pad 4 and 5 are with in the risk management decision re
Comments Date: 11212002
Comments: ange and pose acceptable risk levels and recommended no further a
Comments Date: 11212002
Comments: ction. DTSC concurs with the recommendation.
Comments Date: 11231998
Comments: RA - SITE 2: Between May 23 and May 28, 1998 OHM, a remedial
Comments Date: 11231998
Comments: contractor hired by the Navy excavated, 569 tons of PAH
Comments Date: 11231998
Comments: contaminatedsoils.The petroleum contaminated soils were
Comments Date: 11231998
Comments: processed with a permittedonsite thermal desorption unit.
Comments Date: 11231998
Comments: The treated soil was used for backfill, compacted and the site
Comments Date: 11231998
Comments: was restored to its original grade and appearance.
Comments Date: 11231998
Comments: Not reported
Comments Date: 11231998
Comments: RA - RA13W: Between June 3 and September 17, 1998 OHM, a remedial
Comments Date: 11231998
Comments: contractor hired by the Navy excavated, 2,217 tons of PAH
Comments Date: 11231998
Comments: contaminated soil, 252 tons of PCB contaminated soil, 19 tons
Comments Date: 11231998
Comments: of lead contaminated soil and 1,533 tons of TPH contaminated
Comments Date: 11231998
Comments: soil. The PCB and lead contaminated soils were disposed of
Comments Date: 11231998
Comments: offsite. The petroleum contaminated soils were processed with a
Comments Date: 11231998
Comments: permitted onsite thermal desorption unit. The treated soil was
Comments Date: 11231998
Comments: used for backfill, compacted and the site was restored to its
Comments Date: 11231998
Comments: original grade and appearance.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 11231998
Comments: Not reported
Comments Date: 11231998
Comments: RA-MWA03: Between December 2 and January 6, 1998 OHM, a remedial
Comments Date: 11231998
Comments: contractor hired by the Navy excavated, 218 tons of PAH
Comments Date: 11231998
Comments: contaminated soil. The petroleum contaminated soils which were
Comments Date: 11231998
Comments: processed with a permitted onsite thermal desorption unit.
Comments Date: 11231998
Comments: The treated soil was used for backfill, compacted and the was
Comments Date: 11231998
Comments: restored to its original grade and appearance.
Comments Date: 12022004
Comments: The OU-1A ROD/RAP presents the selected remedial action consistin
Comments Date: 12022004
Comments: g of excavating soil contaminated with volatile organic compound
Comments Date: 12022004
Comments: (VOC) from a hot spot area, disposing this soil at a permitted fa
Comments Date: 12022004
Comments: cility, and extracting and treating VOC-contaminated groundwater
Comments Date: 12022004
Comments: using a granular activated carbon (GAC) system from a hot spot ar
Comments Date: 12022004
Comments: ea and containment wells at site IRP 13S. Hot spot areas are cla
Comments Date: 12022004
Comments: ssified as soil and groundwater contamination area that are chara
Comments Date: 12022004
Comments: cterized by the highest concentrations of VOC chemicals. The rem
Comments Date: 12022004
Comments: ediation of soil and groundwater hot spots will expedite the clea
Comments Date: 12022004
Comments: nup of groundwater.
Comments Date: 12022004
Comments: The OU-1B ROD/RAP presents the selected remedial action consistin
Comments Date: 12022004
Comments: g of excavating soil contaminated with volatile organic compound
Comments Date: 12022004
Comments: (VOC) from a hot spot area, disposing this soil at a permitted fa
Comments Date: 12022004
Comments: cility, and extracting and treating VOC-contaminated groundwater
Comments Date: 12022004
Comments: using a granular activated carbon (GAC) system from a hot spot ar
Comments Date: 12022004
Comments: ea and containment wells at site IRP sites 3 and 12. Hot spot ar
Comments Date: 12022004
Comments: eas are classified as soil and groundwater contamination area tha
Comments Date: 12022004
Comments: t are characterized by the highest concentrations of VOC chemical
Comments Date: 12022004
Comments: s. The remediation of soil and groundwater hot spots will expedi
Comments Date: 12022004
Comments: te the cleanup of groundwater.
Comments Date: 12042002
Comments: FOST - FOST4: DTSC reviewed and commented on the FOST for a porti
Comments Date: 12042002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: on of Parcel 24. DTSC was unable to concur on the suitability of
Comments Date: 12042002
Comments: Parcel 24 for transfer because the portion of Parcel 24, that is
Comments Date: 12042002
Comments: the the subject of this FOST, includes buildings where potential
Comments Date: 12042002
Comments: releases of lead from lead-based paint were not evaluated. Addi
Comments Date: 12042002
Comments: tionally, MCAS Tustin is a permitted Hazardous Waste Facility und
Comments Date: 12042002
Comments: er California law and DTSC cannot concur with a FOST until the ne
Comments Date: 12042002
Comments: cessary permit modicication is complete.
Comments Date: 12122000
Comments: RAP - OU2: No action is the selected remedy for the three IRP sit
Comments Date: 12122000
Comments: es and nine AOCs. In selecting the no action remedy for these si
Comments Date: 12122000
Comments: tes/AOCs, it was determined that the existing condition of the si
Comments Date: 12122000
Comments: tes/AOCs is protective of human health and the environment. CEQ
Comments Date: 12122000
Comments: A - OU2: A Notice of Exemption (NOE) for the OU-2 No Action Remed
Comments Date: 12122000
Comments: ial Action Plan (RAP) was filed with the State Clearinghouse on S
Comments Date: 12122000
Comments: epember 28, 2000. DTSC found the project the project to be exemp
Comments Date: 12122000
Comments: t under Title 14 California Code of Regulations (CCR), Section 15
Comments Date: 12122000
Comments: 061(b)(3) based on the following: DTSC in conjunction with the RW
Comments Date: 12122000
Comments: QCB, U.S. EPA and DON, determined that no further remedial action
Comments Date: 12122000
Comments: is necessary to ensure the protection of human health and the en
Comments Date: 12122000
Comments: vironment at sites IRP-2, IRP-13E and AOCs AD-04, AS-06, AS-08, A
Comments Date: 12122000
Comments: ST-02, AST-04, MDA-04, MDA-07, MMS-01, and MWA-03. This determin
Comments Date: 12122000
Comments: ation was based upon extensive field investigations, laboratory a
Comments Date: 12122000
Comments: nalyzes, and a through assessment of potential human health risk
Comments Date: 12122000
Comments: assessments at each specific location. The results of the human
Comments Date: 12122000
Comments: health risk assessment at these sites/AOCs do not present an unac
Comments Date: 12122000
Comments: ceptable risk to human health or the environment. Therefore, sin
Comments Date: 12122000
Comments: ce DTSC has determined that there is no possibility that the proj
Comments Date: 12122000
Comments: ect may have a significant effect on the environment, the activit
Comments Date: 12122000
Comments: y is not subject to CEQA.
Comments Date: 12131991
Comments: A Visual Site Inspection was conducted by DTSC & Navy at the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 12131991
Comments: 240+ sites identified by the draft RFA.
Comments Date: 12202001
Comments: The ROD/RAP was issued on May 17, 2000 and signed by DTSC on Dece
Comments Date: 03032000
Comments: re identified as potentially contaminated sites. Investigation a
Comments Date: 03032000
Comments: nd cleanup work was conducted under the RCRA Stabilization as req
Comments Date: 03032000
Comments: uired by the RCRA Permit. The Regional Water quality Control Boa
Comments Date: 03032000
Comments: rd provided oversight of cleanup of petroleum contamination. DTSC
Comments Date: 03032000
Comments: 's Office of Military Facilities provided oversight of removal an
Comments Date: 03032000
Comments: d remediation of hazardous material contamination and reviewed th
Comments Date: 03032000
Comments: e final closure reports for the above sites in accordance with th
Comments Date: 03032000
Comments: e RCRA and Comprehensive Environmental Recovery Compensation and
Comments Date: 03032000
Comments: Liability Act (CERCLA) quidelines, and pursuant to the Federal Fa
Comments Date: 03032000
Comments: cilities Site Remediation Agreement (FFSRA), signed on 8/18/1999.
Comments Date: 03032000
Comments: Remedial actions were taken at these sites as follows: 1) At Si
Comments Date: 03032000
Comments: tes ST-7, ST-21D and ST-82 the concrete slab was decontaminated u
Comments Date: 03032000
Comments: sing mechanical scrubbing and pressure washing with detergent and
Comments Date: 03032000
Comments: rinsed with source water. A rinsate sample was taken and tested
Comments Date: 03032000
Comments: for metal and chlorinated solvents. In addition, soil samples wer
Comments Date: 03032000
Comments: e taken and analyzed for the same chemicals. Levels found where
Comments Date: 03032000
Comments: below action level. However rinse water was still collectedand tr
Comments Date: 03032000
Comments: eated in the onsite thermal desorption unit (TDU) before being di
Comments Date: 03032000
Comments: scharged into the sanitary sewer. 2) At Site ST-8, soil samples w
Comments Date: 03032000
Comments: here taken and analyzed for TPH- extractable, Solvents, PCBs, and
Comments Date: 03032000
Comments: metals. All samples were below PRGs. 3) At ST-21C, soil and gro
Comments Date: 03032000
Comments: undwater samples where taken and screened for solvents, metals an
Comments Date: 03032000
Comments: d petroleum. Methyl-Tertiary- Butyl-Ether MTBE was detected in th
Comments Date: 03032000
Comments: e soil above action level. Impacted soil was removed and treated
Comments Date: 03032000
Comments: on site at the local TDU, confirmation samples were taken. 4) At
Comments Date: 03032000
Comments: ST-21E, soil samples were taken and analyzed for solvents. metals
Comments Date: 03032000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: , PCBs, and petroleum. One sample indicated a high hit of benzo(a)
Comments Date: 03032000
Comments:)pyrene. Impacted soil was removed and treated on site at the lo
Comments Date: 03032000
Comments: cal TDU, confirmation samples were taken. 5) At ST-2F the concret
Comments Date: 03032000
Comments: e slab was decontaminated using mechani- cal scrubbing and pressu
Comments Date: 03032000
Comments: re washing with detergent and rinsed with source water. A rinsat
Comments Date: 03032000
Comments: e sample was taken and tested for metals, chlorinated solvents an
Comments Date: 03032000
Comments: d PCBs. In addition, soil samples were taken and analyzed for the
Comments Date: 03032000
Comments: same chemicals. Levels found where below action level. However
Comments Date: 03032000
Comments: rinse water was still collected and treated in the onsite therma
Comments Date: 03032000
Comments: l desorption unit before being dis- charged into the sanitary sew
Comments Date: 03032000
Comments: er. 6) At ST-79, soil samples where taken and analyzed for TPH- e
Comments Date: 03032000
Comments: xtractable, chlorinated Solvents, pesticides, PCBs, and metals. O
Comments Date: 03032000
Comments: ne sample detected contained Aroclor-1260, and dieldrin above act
Comments Date: 03032000
Comments: ion level. Impacted soil was removed and is being stockpilled an
Comments Date: 03032000
Comments: d will be transported off site for storage.
Comments Date: 03152000
Comments: PEA - MWA-05, TOW-06, UST-508, MWA-12, TOW-11, UST-251, MWA-13, T
Comments Date: 03152000
Comments: OW-12, UST-252: Under a Resource Conservation and Recovery Act (R
Comments Date: 03152000
Comments: CRA) Facility Assessment completed on MCAS Tustin in 1995, the ab
Comments Date: 03152000
Comments: ove sites were identified as potentially contaminated sites. Reme
Comments Date: 03152000
Comments: diation actions were taken at these sites as follows; 1) At Site
Comments Date: 03152000
Comments: MWA-05, a total of 25 samples were collectedand tested for TPH-ex
Comments Date: 03152000
Comments: tractable. TOW-06 and UST-508 were excavated confirmation samples
Comments Date: 03152000
Comments: were taken. Sample results were below action levels. 2) At MWA-
Comments Date: 03152000
Comments: 12, the concrete pad was decontaminated and final rinsate samples
Comments Date: 03152000
Comments: showed no detection of contamination. Risate water was collected
Comments Date: 03152000
Comments: and treated on site before being discharged into the channel und
Comments Date: 03152000
Comments: er the NPDES permit. In addition, soil samples were taken at MWA
Comments Date: 03152000
Comments: -12, TOW-11, UST-251 after the removal of the oil/water separator
Comments Date: 03152000
Comments: and the assigned Storage tank (UST-251). Samples collected trig

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 03152000
 Comments: gered an excavation of 156 tons of TPH impacted soil at UST-251 s
 Comments Date: 03152000
 Comments: ite. Deeper confirmation samples indicated the removal of the imp
 Comments Date: 03152000
 Comments: acted soil which was treated at the onsite Thermal Desorption Unit
 Comments Date: 03152000
 Comments: (TDU). 3) For MWA-13 the concrete pad was decontaminated and rin
 Comments Date: 03152000
 Comments: sate samples were taken. Rinsate samples indicated no contaminat
 Comments Date: 03152000
 Comments: ion present, however rinsate water was collected and treated loca
 Comments Date: 03152000
 Comments: lly before being discharged into Peter Canyon Channel. For TOW-1
 Comments Date: 03152000
 Comments: 2 and UST-252, The oil/water and the tank were removed. Soil sam
 Comments Date: 03152000
 Comments: ples taken at both sites triggered an excavation of TPH impacted
 Comments Date: 03152000
 Comments: soil at UST-252. 82 tons of soil were removed and treated at the
 Comments Date: 03152000
 Comments: local TDU.
 Comments Date: 03171998
 Comments: CERFA - TUST2: Subsequent to the April 14, 1994 CERFA concurrence
 Comments Date: 03171998
 Comments: , an additional environmental investigation and evaluation of the
 Comments Date: 03171998
 Comments: MCAS Tustin found additional areas within the base that meets th
 Comments Date: 03171998
 Comments: e CERFA uncontaminated criteria in accordance with the amendment
 Comments Date: 03171998
 Comments: to Section 120(h)(4) of CERCLA. These areas included the agricult
 Comments Date: 03171998
 Comments: ural land which were evaluated under a pesticide investigation in
 Comments Date: 03171998
 Comments: 1996. The investigation found these areas to contain pesticides
 Comments Date: 03171998
 Comments: at concentrations within or below the statistical range for land
 Comments Date: 03171998
 Comments: of similar use at MCAS Tustin and the levels are not a threat to
 Comments Date: 03171998
 Comments: human health or the environment. Additional areas were also ident
 Comments Date: 03171998
 Comments: ified based on the Base wide groundwater investigation of 1994. T
 Comments Date: 03171998
 Comments: hese areas were found to be property upon which no hazardous subs
 Comments Date: 03171998
 Comments: tances and no petroleum products or their derivatives were known
 Comments Date: 03171998
 Comments: to have been released or disposed of, including no migration of t
 Comments Date: 03171998
 Comments: hese substances from adjacent areas. These properties are eligib
 Comments Date: 03171998
 Comments: le for CERFA concurrence.
 Comments Date: 03212002
 Comments: RIFS - OU1B: IRP Sites 3 and 12. The Feasibility Study (FS) deve
 Comments Date: 03212002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: lops and evaluates potntial remedial alternatives to mitigate ris
Comments Date: 04262002
Comments: specified restrictions, conditions and notifications set forth in
Comments Date: 04262002
Comments: the FOSL.
Comments Date: 01092003
Comments: PPP - REV: The CRP describes a comprehensive community relations
Comments Date: 01092003
Comments: program being conducted in conjunction with the Installation Rest
Comments Date: 01092003
Comments: oration Program (IRP) investigation and environmental cleanup act
Comments Date: 01092003
Comments: ivities at the Former MCAS Tustin. The purpose of the CRP is two
Comments Date: 01092003
Comments: fold: to identify concerns the community may have regarding clean
Comments Date: 01092003
Comments: up efforts and to determine the best methods for conducting and e
Comments Date: 01092003
Comments: nhancing communication between the Navy and the local community.
Comments Date: 01271997
Comments: Base Wide Expanded Site Inspection/Preliminary
Comments Date: 01271997
Comments: Endangerment Assessment completed on 12/17/1996.
Comments Date: 01271997
Comments: All sites that may pose adverse risk to human health and
Comments Date: 01271997
Comments: environment will be transferred either to the remedial
Comments Date: 01271997
Comments: investigation program or to the removal program.
Comments Date: 01291997
Comments: RIFS for Site 13 W - Engineering Evaluation/Cost Analysis for a r
Comments Date: 01291997
Comments: emoval of petroleum and lead contaminated soils at Drum Storage A
Comments Date: 01291997
Comments: rea No.3 located west of Building 16 (IRP-13W) Removal Action Wor
Comments Date: 01291997
Comments: kplan (RAW) will be prepared to remove petroleum and lead contami
Comments Date: 01291997
Comments: nated soils. RAW for Site 13 W - Removal of petroleum and lead
Comments Date: 01291997
Comments: contaminated soils. Disposing of lead contaminated and high leve
Comments Date: 01291997
Comments: l petroleum contaminated soils at proper land fills and treating
Comments Date: 01291997
Comments: low level petroleum contaminated at the local thermal desorption
Comments Date: 01291997
Comments: unit. A California Environmental Quality Act document was prepare
Comments Date: 01291997
Comments: d and public noticed along with the RAW. A negative declaration w
Comments Date: 01291997
Comments: as approved on November 7, 1996. CEQA for Site 13 W - Prepared
Comments Date: 01291997
Comments: California Environmental Quality Act/Negative Declaration documen
Comments Date: 01291997
Comments: t for a removal of petroleum and leadcontaminated soils. Disposin
Comments Date: 01291997
Comments: g of lead contaminated and high level petroleum contaminated soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 01291997
Comments: s at proper landfills and treating low level petroleum contaminat
Comments Date: 01291997
Comments: ed soil at the local thermal desorption unit.
Comments Date: 01311997
Comments: RIFS for Sites 2 & 9 - Engineering Evaluation/Cost Analysis
Comments Date: 01311997
Comments: for a soil removal and treatment using on-site thermal
Comments Date: 01311997
Comments: desorption.
Comments Date: 02012001
Comments: PEA - SITE 18B: In 1995, a Resource Conservation and Recovery Act
Comments Date: 02012001
Comments: (RCRA) FacilityAssessment was completed for MCAF Tustin. Site 18
Comments Date: 02012001
Comments: B was identified as potentially contaminated site. Hand augur sa
Comments Date: 02012001
Comments: mples were collected and contaminated soil was excavated. The res
Comments Date: 02012001
Comments: ults of the screening risk assessment showed acceptable levels a
Comments Date: 02012001
Comments: nd support no further action.
Comments Date: 02062001
Comments: PEA - MAW7 : Sites MAW-7, MAW-8 and MAW-16 each abandoned well wa
Comments Date: 02062001
Comments: s closed according to Orange County Health Care Agency guidelines
Comments Date: 02062001
Comments: . Samples were collected from the groundwater that was displaced
Comments Date: 02062001
Comments: during backfilling of wells MAW-7 & MAW-16 with grout. The sampl
Comments Date: 02062001
Comments: es were analyzed for disposal characterization purposes. A minima
Comments Date: 02062001
Comments: l amount of water was produced during the grouting of MAW-8 and,
Comments Date: 02062001
Comments: therefore, a sample was not collected. Analytical results for th
Comments Date: 02062001
Comments: e groundwater samples were below either target cleanup levels or
Comments Date: 02062001
Comments: laboratory reporting limits. Because soil samples were not colle
Comments Date: 02062001
Comments: cted from Sites MAW-7, MAW-8 and MAW-16, a risk screening assessm
Comments Date: 02062001
Comments: ent was not required.
Comments Date: 02072003
Comments: PEA - ST16A&ST16B: The Site Inspection (SI) report summarizes the
Comments Date: 02072003
Comments: results of previous investigations conducted at ST 16A and 16B.
Comments Date: 02072003
Comments: The Navy found polycyclic aromatic hydrocarbons (PAH) in soils in
Comments Date: 02072003
Comments: earlier investigations at these two sites. They completed a rem
Comments Date: 02072003
Comments: oval action of contaminated soils in 1997. Post-removal soil sam
Comments Date: 02072003
Comments: pling sound some additional contamination with PAH. The subject
Comments Date: 02072003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: report documents the Department of the Navy's (DON's) risk screen
Comments Date: 02072003
Comments: ing evaluation at the site and based on the risk estimates recomm
Comments Date: 02072003
Comments: ends a No Further Action (NFA) site closure for ST16A and ST16B.
Comments Date: 02072003
Comments: DTSC did not concur with the NFA recommendation.
Comments Date: 02272002
Comments: DTSC reviewed and commented on the FOSL for Southern Parcels CO A
Comments Date: 02272002
Comments: reas 1,2,3 and 4. DTSC concurs with the Navy that the Southern P
Comments Date: 02272002
Comments: arcels CO Areas property is suitable for lease for the purposed i
Comments Date: 02272002
Comments: ntended (commercial/business) subject to the conditions, notifica
Comments Date: 02272002
Comments: tions, and restrictions set forth in the FOSL.
Comments Date: 03032000
Comments: PEA - ST-7, ST-8, ST-21C, ST-21D, ST-21E, ST-21F, ST-79, and ST-
Comments Date: 03032000
Comments: 82: Under a Resource Conservation and Recovery Act (RCRA) Facilit
Comments Date: 03032000
Comments: y Assessment completed on MCAS Tustin in 1995, the above sites we
Comments Date: 03212002
Comments: ks to human health from groundwater, contaminated with volatile o
Comments Date: 03212002
Comments: rganic compounds, principally trichloroethene (TCE), and related
Comments Date: 03212002
Comments: organic solvents originated at Sites 3 and 12. This FS involved
Comments Date: 03212002
Comments: screening technologies and associated process options according t
Comments Date: 03212002
Comments: o effectiveness, implementability, and cost. The retained option
Comments Date: 03212002
Comments: s were assembled into remedial alternatives and then evaluated ag
Comments Date: 03212002
Comments: ainst regulatory criteria.
Comments Date: 03222000
Comments: PEA - MDA-06, AME-05, MAE-06, MWA-01, UST-530B, TOW-X1 & TOW-X8:
Comments Date: 03222000
Comments: Under a Resource Conservation and Recovery Act (RCRA) Facility As
Comments Date: 03222000
Comments: sessment completed on MCAS Tustin in 1995, the above sites were i
Comments Date: 03222000
Comments: dentified as potentially contaminated sites. Remediation actions
Comments Date: 03222000
Comments: were taken at these sites as follows; 1) At Site MDA-06, 1,247 to
Comments Date: 03222000
Comments: ns of impacted soil were removed, of which 901 tons were impacted
Comments Date: 03222000
Comments: with Total Petroleum Hydrocarbons (TPH) and trace pesticides and
Comments Date: 03222000
Comments: was transported for McKittrick Waste Management for disposal. T
Comments Date: 03222000
Comments: he remaining 346 tons were impacted with lead and pesticides and
Comments Date: 03222000
Comments: was transported to Chemical Waste Management's Class I treatment,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 03222000
Comments: storage and disposal facility. 2) MAE-05 was decontaminated using
Comments Date: 03222000
Comments: mechanical scrubbing and pressure washing with detergent and
Comments Date: 03222000
Comments: rinsed with source water. A rinsate sample was taken, and was found
Comments Date: 03222000
Comments: to contain endrin aldehyde, methylene chloride and bromodichloro-
Comments Date: 03222000
Comments: methane with endrin aldehyde above action levels. The site was
Comments Date: 03222000
Comments: subsequently decontaminated again and endrin aldehyde dropped to acceptable
Comments Date: 03222000
Comments: levels. Two drums of paint chips were collected and shipped as non-
Comments Date: 03222000
Comments: RCRA hazardous waste to Chemical Waste Management's Facility, and
Comments Date: 03222000
Comments: approximately 3,000 gallons of decontamination water were collected in a
Comments Date: 03222000
Comments: storage tank and treated on site at the carbon adsorption treatment
Comments Date: 03222000
Comments: unit and properly discharged. 3) MAE-06 was decontaminated using
Comments Date: 03222000
Comments: mechanical scrubbing and pressure washing with detergent and
Comments Date: 03222000
Comments: rinsed with source water. A rinsate sample that contained calcium, magne-
Comments Date: 03222000
Comments: sium, sodium and zinc was collected; these metals do not pose
Comments Date: 03222000
Comments: a risk on human health or the environment. 4) MWA-01 was decontami-
Comments Date: 03222000
Comments: nated using mechanical scrubbing and pressure washing with detergent
Comments Date: 03222000
Comments: and rinsed with source water. A rinsate sample containing
Comments Date: 03222000
Comments: below action levels of trihalomethanes, bromodichloro- methane, chlo-
Comments Date: 03222000
Comments: roform, and dibromochloromethane was collected. Rinsate water from
Comments Date: 03222000
Comments: the site was treated at the onsite carbon adsorption treatment
Comments Date: 03222000
Comments: unit and discharged. 5) At UST-530B, approximately 926 tons of
Comments Date: 03222000
Comments: TPH impacted soil were removed and treated at the on-site Thermal
Comments Date: 03222000
Comments: Desorption Unit and 65,000 gallons of ground water were removed
Comments Date: 03222000
Comments: and treated at the onsite carbon adsorption treatment unit and
Comments Date: 03222000
Comments: properly discharged. 7) At TOW-X1, the oil/water separator was removed,
Comments Date: 03222000
Comments: and approximately 78 tons of polychlorinated biphenyl (PCB)/
Comments Date: 03222000
Comments: pesticide impacted soil were removed and transported to proper treatment
Comments Date: 03222000
Comments: and recycling facility. TOW-X8; The oil/water separator
Comments Date: 03222000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: was removed and after collection of soil samples it was noted th
Comments Date: 03222000
Comments: at all samples showed contamination below action levels.
Comments Date: 04182005
Comments: This document is completed
Comments Date: 04222002
Comments: FOST - FOST3: DTSC reviewed and commented on the FOST 3 for Parce
Comments Date: 04222002
Comments: ls 23,29,34,35,36 and portions of 1,16,17,24,27,28,40, and 41 and
Comments Date: 04222002
Comments: found parcel 36 and portions of 24 and 41 to be environmentally
Comments Date: 04222002
Comments: suitable for transfer for their intended use. DTSC is unable to
Comments Date: 04222002
Comments: concur with the suitability of Parcels 1 and 17 for transfer. T
Comments Date: 04222002
Comments: he 1998 MCAS Tustin Specific Plan/Reuse Plan Errata identifies Pa
Comments Date: 04222002
Comments: rcels 1 and 17 as educational/recreational use. As a result, it
Comments Date: 04222002
Comments: is possible that the reuse of these parcels could include school
Comments Date: 04222002
Comments: sites, meaning kindergarden through grade 12 (elementary, middle
Comments Date: 04222002
Comments: and high schools). Additional detail is not provided for Parcel
Comments Date: 04222002
Comments: 1 and the Base Realignment and Closure (BRAC) Business Plan 2002
Comments Date: 04222002
Comments: (in review) designates the land use of Parcel 17 as a High School
Comments Date: 04222002
Comments: . Pursuant to the California Education Code, section 17210 et se
Comments Date: 04222002
Comments: q; a separate and comprehensive environmental review is required f
Comments Date: 04222002
Comments: or sites where stat funds will be used for property acquisition o
Comments Date: 04222002
Comments: r school construction. This review process includes an evaluatio
Comments Date: 04222002
Comments: n of whether hazardous materials on the property have been or cou
Comments Date: 04222002
Comments: ld be released that would endanger students. Because this separa
Comments Date: 04222002
Comments: te environmental review has not been conducted for Parcels 1 and
Comments Date: 04222002
Comments: 17, DTSC cannot determine if these parcels are suitable for the i
Comments Date: 04222002
Comments: ntended use. ' DTSC was unable to concur with the suitability of
Comments Date: 04222002
Comments: Parcels 23, 29, 34, 35, and portions of Parcels 1, 16, 27, 28, an
Comments Date: 04222002
Comments: d 40 for transfer. These parcels include buildings/structures wh
Comments Date: 04222002
Comments: ere potential releases of lead from lead-based paint (LBP) were n
Comments Date: 04222002
Comments: ot evaluated or where sufficient information was not provided for
Comments Date: 04222002
Comments: DTSC to determine if LBP is a potential issue. DTSC considers t

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 04222002
Comments: he presence of exterior LBP that has been released to the soil to
Comments Date: 04222002
Comments: pose a potential release to the environment pursuant to the Comp
Comments Date: 04222002
Comments: rehensive Environmental Response, Compensation, and Liability Act
Comments Date: 04222002
Comments: (CERCLA) as amended by the Superfund Amendments and Reauthorizat
Comments Date: 04222002
Comments: ion Act (SARA) of 1986.
Comments Date: 04262002
Comments: FOSL - FOSL3: DTSC reviewed and commented on the FOSL 3. DTSC co
Comments Date: 04262002
Comments: ncurs with the Navy that the property could be leased in a manner
Comments Date: 04262002
Comments: that is protective of human health and the environment with the
Comments Date: 09192001
Comments: and Portions of 40 and 41 and found Parcels 3 - 8, 10 - 12, 14, 42
Comments Date: 05172001
Comments: PEA - MWA15: Analytical results for hand-auger, pothole, and exca
Comments Date: 05172001
Comments: vation confirmation soil samples from Site MWA-15 were below the
Comments Date: 05172001
Comments: target cleanup levels or laboratory reporting limits. These resu
Comments Date: 05172001
Comments: Its indicate that soil at this site has not been impacted. Theref
Comments Date: 05172001
Comments: ore, no further action is required for this site. PEA - UST89:
Comments Date: 05172001
Comments: Analytical results for the confirmation soil sample collected fro
Comments Date: 05172001
Comments: m the bottom floor of the excavation were below the target cleanu
Comments Date: 05172001
Comments: p level or laboratory reporting limits, indicating that soil at t
Comments Date: 05172001
Comments: he site has not been impacted. Therefore, no further action is r
Comments Date: 05172001
Comments: equired for this site. PEA - MAE7: This is a miscellaneous air
Comments Date: 05172001
Comments: emission area, consists of two separate areas: Building 273 (Test
Comments Date: 05172001
Comments: Cell) and Building 231 (Engine Test Area). The activities of PEA
Comments Date: 05172001
Comments: included facility decontamination, collection and analysis of ri
Comments Date: 05172001
Comments: nse water samples, and subsurface soil sampling using a hand auge
Comments Date: 05172001
Comments: r. Analytical results for the rinse water samples and soil sample
Comments Date: 05172001
Comments: s and soil samples were below source water (i.e., fire hydrant wa
Comments Date: 05172001
Comments: ter) concentrations with the following exceptions: aluminum, bari
Comments Date: 05172001
Comments: um, iron, molybdenum, selenium, and vanadium, which were below th
Comments Date: 05172001
Comments: e tap water PRGs; and calcium, magnesium, and potassium, which ar
Comments Date: 05172001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: e common metals for which no PRGs have been established. Soil sa
Comments Date: 05172001
Comments: mple results were below target cleanup levels and laboratory repo
Comments Date: 05172001
Comments: rting limits, indicating that soils at the site were not impacted
Comments Date: 05172001
Comments: . The results of the risk screening assessment indicate that con
Comments Date: 05172001
Comments: centratons at Site MAE-07 pose acceptable risk levels. Therefore
Comments Date: 05172001
Comments: , no further action is required.
Comments Date: 05201997
Comments: Investigation of various AOC located throughout the base by revie
Comments Date: 05201997
Comments: wing various reports and identifying if a hazardous release occur
Comments Date: 05201997
Comments: red or not. If this could not be identified by researching the hi
Comments Date: 05201997
Comments: storical data, samples were collected and evaluated. All AOC that
Comments Date: 05201997
Comments: were found to be hazardous will be treated under the remedial ac
Comments Date: 05201997
Comments: tion process or the removal action process. This PEA was prepare
Comments Date: 05201997
Comments: d to also satisfy RCRA Facility Assessment (RFA) requirements.
Comments Date: 05222001
Comments: PEA : Facility decontamination and subsurface sampling was conduc
Comments Date: 05222001
Comments: ted at eight sites. Excavation of impacted soil was performed at
Comments Date: 05222001
Comments: Sites ST-36, ST-51, and ST-88. The contaminated soil was treat
Comments Date: 05222001
Comments: d in a thermal desorption unit (TDU)located on site. In the no-L
Comments Date: 05222001
Comments: andscaped excavated areas, non-impacted over- burden and treated
Comments Date: 05222001
Comments: soil was used as backfill material. The excavation was compacted
Comments Date: 05222001
Comments: to greater than 90 percent relative compaction to surface grade.
Comments Date: 05222001
Comments: In the landscaped excavation areas or areas scheduled for demol
Comments Date: 05222001
Comments: ition, no compaction testing was performed. ST-35, ST-89, ST-90
Comments Date: 05222001
Comments: and ST-91 - Analytical results for rinse water and soil boring s
Comments Date: 05222001
Comments: amples support no further action. ST-36 and ST-51 - Analytical
Comments Date: 05222001
Comments: results for soil boring and confir- mation soil samples support n
Comments Date: 05222001
Comments: o further action ST-72A - Results of the screening risk assessm
Comments Date: 05222001
Comments: ent indicate that the concentrations at ST-72A pose acceptable ri
Comments Date: 05222001
Comments: sk levels and support no further action. ST-88 - The analytical
Comments Date: 05222001
Comments: results for the rinse water samples and the deeper soil sample r

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 05222001
Comments: esults support no further action. However, the shallow hot spot a
Comments Date: 05222001
Comments: reas with elevated concentrations of arsenic(as identified at ST-
Comments Date: 05222001
Comments: 86, ST-88, and MAE-03) will be addressed as a separate arsenic AO
Comments Date: 05222001
Comments: C report.
Comments Date: 05292002
Comments: DEED - OU3MW: The Department of Navy (DON) transferred the four
Comments Date: 05292002
Comments: monitoring wells to the City of Tustin, the current owner of the
Comments Date: 05292002
Comments: property. The purpose of the Land Use Covenant (LUC) is to
Comments Date: 05292002
Comments: restrict the use of the property to provide for the protection of
Comments Date: 05292002
Comments: human health, safety and the environment and to ensure continuing
Comments Date: 05292002
Comments: enforcement of the protective covenants and agreements.
Comments Date: 05302001
Comments: PEA - MWA10: The contaminated soil was treated in a thermal desor
Comments Date: 05302001
Comments: ption unit (TDU) located on site. In the non-landscaped excavate
Comments Date: 05302001
Comments: d areas, non-impacted overburden and treated soil was used as bac
Comments Date: 05302001
Comments: kfill material. The excavation was compacted to greater than 90
Comments Date: 05302001
Comments: percent relative compaction to surface grade. In the landscaped e
Comments Date: 05302001
Comments: xcavation areas, no compaction testing was performed. Analytical
Comments Date: 05302001
Comments: results for the rinse water samples, soil samples, and excavation
Comments Date: 05302001
Comments: samples collected at the site was below source water concentrati
Comments Date: 05302001
Comments: ons (collected from local fire hydrants), target cleanup levels,
Comments Date: 05302001
Comments: or laboratory reporting limits. These results indicate that impa
Comments Date: 05302001
Comments: cted soil at the site was removed. In addition, the results of th
Comments Date: 05302001
Comments: e screening risk assessment support no further action.
Comments Date: 06042002
Comments: PEA - ASAOC: The PEA was performed to evaluate the distribution o
Comments Date: 06042002
Comments: f arsenic and dieldrin in the soil at Buildings 190 and 251 that
Comments Date: 06042002
Comments: warrant cleanup or removal of affected soil. Sixty five soil sam
Comments Date: 06042002
Comments: ples were collected from depths ranging from 6 inches to 6 feet b
Comments Date: 06042002
Comments: elow ground surface. Elevated arsenic concentrations were detect
Comments Date: 06042002
Comments: ed with the fill soil. It is recommended to conduct Human Health
Comments Date: 06042002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: Risk Assessment to assist risk managers in determining the need
Comments Date: 06042002
Comments: for further action.
Comments Date: 06121989
Comments: Hazard Ranking complete. Score 12.12.
Comments Date: 06142004
Comments: PEA-DSD7: The Site Inspection (SI) report summarizes the results
Comments Date: 06142004
Comments: of previous investigations conducted at DSD-07. Based on the del
Comments Date: 06142004
Comments: ineation results, DSD-07 does not appear to be the source of tric
Comments Date: 10222001
Comments: epartment of Navy's decision to undertake a time-critical removal
Comments Date: 06262000
Comments: ed on asphalt. The analytical results for soil samples from ST-60
Comments Date: 09192001
Comments: and Parcels 25, 26, 30, 32, 33, 37and Portions 41 to be environm
Comments Date: 09192001
Comments: entally suitable for transfer for their intended use. DTSC was
Comments Date: 09192001
Comments: unable to concur on the suitability of Parcel 31 for transfer. T
Comments Date: 09192001
Comments: he MCAS Tustin Specific Plan/Reuse Plan Errata (City of Tustin 19
Comments Date: 09192001
Comments: 98) identifies this parcel as future elementary school site. Pur
Comments Date: 09192001
Comments: suant to the California Education Code, section 17210 et seq., a
Comments Date: 09192001
Comments: separate and comprehensive environmental review is reuired for si
Comments Date: 09192001
Comments: tes where state funds will be used for property acquisition or sc
Comments Date: 09192001
Comments: hool construction. The Education Code requires that DTSC make a
Comments Date: 09192001
Comments: determination as to the suitability of the property for school us
Comments Date: 09192001
Comments: e based on this review. Thereview process includes an evaluation
Comments Date: 09192001
Comments: of whether hazardous material on the property have been or could
Comments Date: 09192001
Comments: be released that would endanger school students. Because this s
Comments Date: 09192001
Comments: eparate environmental review has not been conducted for Parcel 31
Comments Date: 09192001
Comments: DTSC was unable to determine if these parcel was suitable for us
Comments Date: 09192001
Comments: e as elementary school sites and, therefore, we did not concur wi
Comments Date: 09192001
Comments: th the Finding of Suitability for this parcel. In addition, DTS
Comments Date: 09192001
Comments: C was unable to concur with the suitability of Parcel 4 and porti
Comments Date: 09192001
Comments: ons of Parcel 40 for transfer. These parcels may have lead based
Comments Date: 09192001
Comments: paint (LBP) that has been released to the soil. DTSC maintains th
Comments Date: 09192001
Comments: at lead in soil from LBP is a Comprehensive Environmental Respons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 09192001
Comments: e, Compensation, and Libability Act (CERCLA) release to the enviro
Comments Date: 09192001
Comments: nment. Building 176 (Parcel No. 4), Buildings 180, 181, 182 (Parc
Comments Date: 09192001
Comments: el No. 40), and Structure 237 (Parcel No. 4) were all constructed
Comments Date: 09192001
Comments: prior to 1978, the year when lead based paint products were disc
Comments Date: 09192001
Comments: ontinued. Navy did not conduct conduct soil sampling to determine
Comments Date: 09192001
Comments: whether soils surrounding these buildings contain concentrations
Comments Date: 09192001
Comments: of lead from LBP which may pose a threat to human health and the
Comments Date: 09192001
Comments: environment. Until such sampling is performed, DTSC cannot deter
Comments Date: 09192001
Comments: mine whether, pursuant to CERCLA 120(a)(3), all actions havebeen
Comments Date: 09192001
Comments: taken at these two parcels to remedy potential releases of lead t
Comments Date: 09192001
Comments: o the environment from LBP.
Comments Date: 09262000
Comments: IRP 9A: Between July 1997 and September 1997, approximately 676 t
Comments Date: 09262000
Comments: ons of PAH-contaminated soil and 25 tons of total petroleum hydro
Comments Date: 09262000
Comments: carbon (TPH)-contaminated soil was excavated and treated from IRP
Comments Date: 09262000
Comments: -9A Subareas 1 and 2 combined. The contaminated soil was transpor
Comments Date: 09262000
Comments: ted to the on-site thermal desorption unit (TDU), treated, and tr
Comments Date: 09262000
Comments: ansported back to IRP-9A for use as backfill in the excavation. T
Comments Date: 09262000
Comments: he removal action at IRP 9A Subarea 2 encompassed the boundaries
Comments Date: 09262000
Comments: of two STs: ST-40A and ST-40B. The remaining STs were outside the
Comments Date: 09262000
Comments: excavation limits of the removal action. IRP 9B: Between Octob
Comments Date: 09262000
Comments: er 1998 and January 1999, approximately 3788 tons of PAH-contamin
Comments Date: 09262000
Comments: ated soil from IRP 9B Subarea 1 and 3049 tons of PAH-contaminated
Comments Date: 09262000
Comments: soil from IRP 9B Subarea 3 were excavated and treated. The conta
Comments Date: 09262000
Comments: minated soil was transported to the on-site thermal desorption un
Comments Date: 09262000
Comments: it (TDU), treated, and transported back to IRP-9B for use as back
Comments Date: 09262000
Comments: fill in the excavation. The removal action at IRP 9B Subarea 1 en
Comments Date: 09262000
Comments: compassed the boundaries of two STs: ST-47A and ST-47B. Based o
Comments Date: 09262000
Comments: n the post-removal action human health risk assessment, it was de
Comments Date: 09262000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: terminated that exposure to the remaining soil and residual PAH con
Comments Date: 09262000
Comments: centration at IRP 9A and IRP 9B would result in a human health
Comments Date: 09262000
Comments: risk well within the acceptable range for resident children and i
Comments Date: 09262000
Comments: ndustrial workers, and at the NCP point of departure for resident
Comments Date: 09262000
Comments: adults, as defined by the EPA for unrestricted residential or ind
Comments Date: 09262000
Comments: ustrial use.
Comments Date: 09272001
Comments: FOST - FOST1: DTSC reviewed and commented on the FOST for Parcels
Comments Date: 09272001
Comments: 3, 21, 38, 39, and Portions of 40 and found Parcels 3, 38 and po
Comments Date: 09272001
Comments: rtions of 40 to be environmentally suitable for transfer for thei
Comments Date: 09272001
Comments: r intended use as transitional/emergency housing, community park/
Comments Date: 09272001
Comments: road and transportation/circulation facilities, respectively. D
Comments Date: 09272001
Comments: TSC was unable to concur on the suitability of Parcels 21 and 39 f
Comments Date: 09272001
Comments: or transfer. The MCAS Tustin Specific Plan/Reuse Plan Errata (Ci
Comments Date: 09272001
Comments: ty of Tustin 1998) identifies these parcels as future elementary
Comments Date: 09272001
Comments: school sites. Pursuant to the California Education Code, sectio
Comments Date: 09272001
Comments: n 17210 et seq., a separate and comprehensive environmental revie
Comments Date: 09272001
Comments: w is required for sites where state funds will be used for proper
Comments Date: 09272001
Comments: ty acquisition or school construction. The Education Code requir
Comments Date: 09272001
Comments: es that DTSC make a determination as to the suitability of the pr
Comments Date: 09272001
Comments: operty for school use based on this review. The review process in
Comments Date: 09272001
Comments: cludes an evaluation of whether hazardous materials on th propert
Comments Date: 09272001
Comments: y have been or could be released that would endanger school stude
Comments Date: 09272001
Comments: nts. Because this separate environmental review has not been con
Comments Date: 09272001
Comments: ducted for Parcels 21 and 39 , DTSC was unable to determine if th
Comments Date: 09272001
Comments: ese parcels were suitable for use as elementary school sites and,
Comments Date: 09272001
Comments: therefore, we did not concur with the finding of Suitability for
Comments Date: 09272001
Comments: these two parcels.
Comments Date: 10171991
Comments: A Meeting was held at El Toro MCAS to discuss scheduling of base
Comments Date: 10171991
Comments: closure and activities necessary. A Federal Facilities Site Reme

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 10171991
Comments: diation Agreement draft was sent to the base comm- ander. Navy S
Comments Date: 10171991
Comments: WDIV decided to negotiate a "blanket" FFSRA to cover all 23 bases
Comments Date: 10171991
Comments: in SWDIV.
Comments Date: 10222001
Comments: RAW - TCRA1A: An Action Memorandum/Removal Action Work Plan (AM/
Comments Date: 10222001
Comments: action (TCRA) to initiate grounwater extraction to hydraulically
Comments Date: 10222001
Comments: contain groundwater contaminated with volatile organic compounds
Comments Date: 10222001
Comments: (VOCs), principall 1,2,3-TCP. The TCRA will eliminate further d
Comments Date: 10222001
Comments: owngradient migration of contaminated ground- water and prevent v
Comments Date: 10222001
Comments: ertical migration to the underlying regional aquifer. The extract
Comments Date: 10222001
Comments: ed groundwater will be treated using granular activated carbon (G
Comments Date: 10222001
Comments: AC) and discharged to Peters Canyou Channel through a storm drain
Comments Date: 10222001
Comments: or injected back to the aquifer. Discharge to Peters Canyon Cha
Comments Date: 10222001
Comments: nnel will comply with the substantive provisions of Regional Wate
Comments Date: 10222001
Comments: r Quality Control Board (RWQCB), Santa Ana Region, Order Number
Comments Date: 10222001
Comments: 96-18, General National Pollution Discharge Elimination System (N
Comments Date: 10222001
Comments: PDES) Permit Number CAG918001. Discharge will also comply with su
Comments Date: 10222001
Comments: pplementary RWQCB requirements (e.g. discharge limits for 1,2,3-T
Comments Date: 10222001
Comments: CP) that are not included in the General Permit. DTSC approved t
Comments Date: 10222001
Comments: he AM/RAW on August 17, 2001.
Comments Date: 10292004
Comments: This task is completed
Comments Date: 11051999
Comments: ORDER(FFSRA) - BASEWIDE: DTSC entered into an enforceable agreeme
Comments Date: 11051999
Comments: nt with the United States Navy for the Marine Corps Air Station I
Comments Date: 11051999
Comments: ocated in Tustin, California on August 18, 1999. Elsie L. Muncel
Comments Date: 11051999
Comments: l, the Deputy Assistant Secretary of the Navy (Environment & Safe
Comments Date: 11051999
Comments: ty) and John Scandura, Chief of the Southren California Branch of
Comments Date: 11051999
Comments: the Military Facilities, signed the Federal Facilities Site Reme
Comments Date: 11051999
Comments: diation Agreement(FFSRA). The purpose of the agreement was to ens
Comments Date: 11051999
Comments: ure that the Navy's corrective action obligations required by the
Comments Date: 11051999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: Resource Conservation and Recovery Act (RCRA) permit, are compli
Comments Date: 11051999
Comments: ed with environmental impacts associated with past military activ
Comments Date: 11051999
Comments: ities at the facility are investigated and that the appropriate c
Comments Date: 11051999
Comments: orrective, removal and/or remedial actions are taken as necessary
Comments Date: 11051999
Comments: . The FFSRA provides for DTSC review and approval of a Site Manag
Comments Date: 11051999
Comments: ement Plan (SMP), document submittals, and quarterly progress rep
Comments Date: 11051999
Comments: ort in accordance with specified deadlines.
Comments Date: 11182004
Comments: orps is proposing no further action (no further testing or cleanu
Comments Date: 11182004
Comments: p) for six sites because either no contamination was found, or th
Comments Date: 11182004
Comments: e contamination is at such low levels that it does not pose signi
Comments Date: 11182004
Comments: fificant risk. The Department of Toxic Substances Control (DTSC) c
Comments Date: 11182004
Comments: oncurs with this determination for the sites described aboveD
Comments Date: 11182004
Comments: TSC approved the CEQA Notice of Exemption on September 9, 2004.
Comments Date: 11182004
Comments: OU-1A consists of a vehicle maintenance facility and wash pad kno
Comments Date: 11182004
Comments: wn as IRP Site 13S. The site includes Buildings 16 and 50, forme
Comments Date: 11182004
Comments: rly used for vehicle maintenance, and a former wash pad. The bui
Comments Date: 11182004
Comments: ldings and wash pad occupy an area of approximately 3,400 square
Comments Date: 11182004
Comments: yards in the northwestern corner of former MCAS Tustin. The late
Comments Date: 11182004
Comments: ral extent of the associated 1,2,3-trichloropropane (1,2,3-TCP) g
Comments Date: 11182004
Comments: roundwater plume is approximately 27 acres. VOCs are the contami
Comments Date: 11182004
Comments: nants of concern at IRP-13S. The Navy proposes to remediate
Comments Date: 11182004
Comments: soil and groundwater contaminated by hazardous substances at Oper
Comments Date: 11182004
Comments: able Unit (OU) 1A, Site 13S, which are located on the former Mari
Comments Date: 11182004
Comments: ne Corps Air Station (MCAS) Tustin. DTSC has prepared a revised
Comments Date: 11182004
Comments: initial study pursuant to the requirements of the California Envi
Comments Date: 11182004
Comments: ronmental Quality Act(CEQA, Section 21000 et.seq., California Pub
Comments Date: 11182004
Comments: lic Resources Code) and implementing Guideline (Section 15000 et
Comments Date: 11182004
Comments: seq., Title 14, California Code of Regulations). Based upon this
Comments Date: 11182004
Comments: analysis, DTSC has determined that the proposed project will not

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 11182004
Comments: have a significant effect upon the environment and a Negative Dec
Comments Date: 11182004
Comments: laration was prepared.DTSC approved the CEQA Notice of Determ
Comments Date: 11182004
Comments: ination on November 18, 2004.
Comments Date: 11182004
Comments: OU-1B consists of a paint stripper disposal area known as IRP-3 t
Comments Date: 11182004
Comments: hat occupies approximately 1.4 acres. The site includes seven bu
Comments Date: 11182004
Comments: ildings, several of which were used for chemical storage, paintin
Comments Date: 11182004
Comments: g, and paint stripping operations from 1967 to 1999 when military
Comments Date: 11182004
Comments: activities were discontinued. Solvents, paint strippers, batter
Comments Date: 11182004
Comments: y acids, and water used for washing inactive oil/water separators
Comments Date: 11182004
Comments: were reportedly poured directly onto the ground outside some of
Comments Date: 11182004
Comments: the buildings. In addition, OU-1B consists of a drum storage area
Comments Date: 11182004
Comments: known as IRP-12 occupies a total area of about 3.5 acres. The s
Comments Date: 11182004
Comments: ite was used by the Marine Corps primarily for materials storage
Comments Date: 11182004
Comments: and warehouse functions from the mid-1960s to 1975. Solvents, mot
Comments Date: 11182004
Comments: or oil, and hydraulic fluids were stored in this area. The
Comments Date: 11182004
Comments: Navy proposes to remediate soil and groundwater contaminated by h
Comments Date: 11182004
Comments: azardous substances at Operable Unit (OU) 1B, Sites 3 and 12, whi
Comments Date: 11182004
Comments: ch are located on the former Marine Corps Air Station (MCAS) Tust
Comments Date: 11182004
Comments: in. DTSC has prepared a revised initial study pursuant to the re
Comments Date: 11182004
Comments: quirements of the California Environmental Quality Act(CEQA, Sect
Comments Date: 11182004
Comments: ion 21000 et.seq., California Public Resources Code) and implemen
Comments Date: 11182004
Comments: ting Guideline (Section 15000 et seq., Title 14, California Code
Comments Date: 11182004
Comments: of Regulations). Based upon this analysis, DTSC has determined th
Comments Date: 11182004
Comments: at the proposed project will not have a significant effect upon t
Comments Date: 11182004
Comments: he environment and a Negative Declaration was prepared.DTSC a
Comments Date: 11182004
Comments: pproved the CEQA Notice of Determination on November 18, 2004.
Comments Date: 11182004
Comments: Installation Restoration Program (IRP) Sites IRP-5N, IRP-5S(b), I
Comments Date: 11182004
Comments: RP-8, IRP-11 (Area A), and IRP-16 and Area of Concern* (AOC) MMS-
Comments Date: 06262000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: A and ST-80 were below target cleanup levels. The results of the
Comments Date: 06262000
Comments: screening risk assessment indicate that concentrations at ST-60A
Comments Date: 06262000
Comments: and ST-80 pose acceptable risk levels.
Comments Date: 06262003
Comments: OM: This Operation and Maintenance Plan (OMP) presents inspection
Comments Date: 06262003
Comments: and maintenance, Long-Term Monitoring (LTM), and contingency pla
Comments Date: 06262003
Comments: ns, including frequency of monitoring and reporting requirements
Comments Date: 06262003
Comments: to be used in support of the final remedy selected for OU-3, with
Comments Date: 06262003
Comments: the goal of protecting human health and the environment. Detaile
Comments Date: 06262003
Comments: d descriptions of requirements for conducting fieldwork and data
Comments Date: 06262003
Comments: management activities are presented as attachments to this OMP in
Comments Date: 06262003
Comments: cluding Land-Use Control Implementation and Certification Plan.
Comments Date: 08172001
Comments: CEQA - RA1A: An Initial Study and a Negative Declaration were pre
Comments Date: 08172001
Comments: pared by Department of Toxic Substances Control (DTSC) for a time
Comments Date: 08172001
Comments: -critical removal action (TCRA) for IRP site 13S. The TCRA consis
Comments Date: 08172001
Comments: ts of groundwater extraction to hydraulically contain groundwater
Comments Date: 08172001
Comments: contaminated with volatile organic compounds (VOCs), principally
Comments Date: 08172001
Comments: 1,2,3-TCP. TCRA will eliminate further downgradient migration of
Comments Date: 08172001
Comments: contaminated groundwater and prevent vertical migration to the u
Comments Date: 08172001
Comments: nderlying regional aquifer. The extracted groundwater will be tr
Comments Date: 08172001
Comments: eated using granular activated carbon (GAC) and discharged to Pet
Comments Date: 08172001
Comments: ers Canyon Channel through a storm drain or injected back to the
Comments Date: 08172001
Comments: aquifer. Discharge to Peters Canyon Channel will comply with the
Comments Date: 08172001
Comments: substantive provisions of Regional Water Quality Control Board (R
Comments Date: 08172001
Comments: WQCB), Santa Ana Region, Order Number 96-18, General National Po
Comments Date: 08172001
Comments: llution Discharge Elimination System (NPDES) Permit Number CAG918
Comments Date: 08172001
Comments: 001. Discharge will also comply with supplementary RWQCB require
Comments Date: 08172001
Comments: ments (e.g. discharge limits for 1,2,3-TCP) that are not included
Comments Date: 08172001
Comments: in the General Permit. DTSC has found, on the basis of Initial S
Comments Date: 08172001
Comments: tudy and comments received on the Negative Declaration, that ther

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 08172001
Comments: e is no substantial evidence that this project will a significant
Comments Date: 08172001
Comments: effect on the environment. The Notice of Determination was forw
Comments Date: 08172001
Comments: arded to the Office of Environmental Analysis, Regulations and Au
Comments Date: 08172001
Comments: dits 17, 2001 for filling.
Comments Date: 08271992
Comments: Conditional approval of Navy's SI Report was granted. Navy perfo
Comments Date: 08271992
Comments: rmed SI sampling of 9 sites that were recommended for further stu
Comments Date: 08271992
Comments: dy in their Initial Assessment Study (IAS). The following sites w
Comments Date: 08271992
Comments: ere recommended for RI in the report: Site 3 - Paint Stripper, Si
Comments Date: 08271992
Comments: te 5 - Drainage No.1, Site 7 - Rapid Refuel Sta Site 12 - Drum St
Comments Date: 08271992
Comments: g. area No.2, & Site 13 - Drum Stg. area No.3. Site 9 - Hangar N
Comments Date: 08271992
Comments: o. 1 is recommended for removal & confirmation sampling. Site 15
Comments Date: 08271992
Comments: - Blimp Hangar Disposal does not exist. Although Sites 2 & 8 we
Comments Date: 08271992
Comments: re recommended NFA, DTSC disagreed because the area had been grad
Comments Date: 08271992
Comments: ed and samples were not taken deep enough to test the original gr
Comments Date: 08271992
Comments: ound.
Comments Date: 08312004
Comments: RIFS - OU4: The shallow groundwater investigation was performed a
Comments Date: 08312004
Comments: t sites where at least one VOC had been previously reported at co
Comments Date: 08312004
Comments: ncentrations exceeding its maximum contaminant level (MCL). Discr
Comments Date: 08312004
Comments: ete groundwater samples were collected at 121 locations using Hyd
Comments Date: 08312004
Comments: roPunch sampling techniques and were analyzed for VOCs. Data obta
Comments Date: 08312004
Comments: ined from the shallow groundwater investigation were used to revi
Comments Date: 08312004
Comments: se risk assessments for some OU-4 sites and IRP-5N, IRP-5S(b), IR
Comments Date: 08312004
Comments: P-8, IRP-11, IRP-16, MMS-04 Areas A and C were recommended for NF
Comments Date: 08312004
Comments: A. DTSC concurs with this recommendation. RIFS - OU4: The shallo
Comments Date: 08312004
Comments: w groundwater investigation was performed at sites where at least
Comments Date: 08312004
Comments: one VOC had been previously reported at concentrations exceeding
Comments Date: 08312004
Comments: its maximum contaminant level (MCL). Discrete groundwater sample
Comments Date: 08312004
Comments: s were collected at 121 locations using HydroPunch sampling techn
Comments Date: 08312004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: iques and were analyzed for VOCs. Data obtained from the shallow
Comments Date: 08312004
Comments: groundwater investigation were used to revise risk assessments fo
Comments Date: 08312004
Comments: r some OU-4 sites and IRP-5N, IRP-5S(b), IRP-8, IRP-11, IRP-16, M
Comments Date: 08312004
Comments: MS-04 Areas A and C were recommended for NFA. DTSC concurs with
Comments Date: 08312004
Comments: this recommendation. RIFS - OU4: The shallow groundwater investig
Comments Date: 08312004
Comments: ation was performed at sites where at least one VOC had been prev
Comments Date: 08312004
Comments: iously reported at concentrations exceeding its maximum contamina
Comments Date: 08312004
Comments: nt level (MCL). Discrete groundwater samples were collected at 12
Comments Date: 08312004
Comments: 1 locations using HydroPunch sampling techniques and were analyze
Comments Date: 08312004
Comments: d for VOCs. Data obtained from the shallow groundwater investigat
Comments Date: 08312004
Comments: ion were used to revise risk assessments for some OU-4 sites and
Comments Date: 08312004
Comments: IRP-5N, IRP-5S(b), IRP-8, IRP-11, IRP-16, MMS-04 Areas A and C we
Comments Date: 08312004
Comments: re recommended for NFA. DTSC concurs with this recommendation.
Comments Date: 09052003
Comments: RIFS - OU1A: The Feasibility Study develops and evaluates potenti
Comments Date: 09052003
Comments: al remedial alternatives to mitigate risks to human health from g
Comments Date: 09052003
Comments: roundwater, contaminated with volatile organic compounds originat
Comments Date: 09052003
Comments: ed at IRP Site 13S. This FS involved screening technologies and a
Comments Date: 09052003
Comments: ssociated process options according to effectiveness, implementabi
Comments Date: 09052003
Comments: lity, and cost. The retained options were assembled into remedia
Comments Date: 09052003
Comments: l alternatives and then evaluated against regulatory criteria.
Comments Date: 09122003
Comments: Based upon DTSC's review of Final FOST #5 DTSC submitted a non-co
Comments Date: 09122003
Comments: ncurrence letter
Comments Date: 09192001
Comments: FOST - FOST2: DTSC reviewed and commented on the FOST for Southe
Comments Date: 09192001
Comments: rn Parcels 4 - 8, 10 - 12, 14, 42 and Parcels 25, 26, 30 -33, 37
Comments Date: 06142004
Comments: hloroethylene (TCE) contamination in the area. This is based on
Comments Date: 06142004
Comments: the low levels of TCE found in shallow soils directly below the s
Comments Date: 06142004
Comments: torm drain line to 6 feet below ground surface. The site data do
Comments Date: 06142004
Comments: not indicate a release occurred directly from DSD-07. Based on th
Comments Date: 06142004
Comments: e information Navy requested No Further Action (NFA) for the site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 06142004
Comments: . DTSC did concur with the NFA recommendation.
Comments Date: 06192001
Comments: BWEBS - BW: Department of Defense and Department of the Navy poli
Comments Date: 06192001
Comments: cy and guidance documents, along with currently available informa
Comments Date: 06192001
Comments: tion generated from on-site investigations, visual inspections, p
Comments Date: 06192001
Comments: ersonnel interviews, regulatory records searches, aerial photogra
Comments Date: 06192001
Comments: ph reviews, reviews of data for adjacent properties, and chain-of
Comments Date: 06192001
Comments: -title searches, are the basis for this report. This Basewide EB
Comments Date: 06192001
Comments: S Report supplements the April 1994 MCAS Tustin EBS for the Commu
Comments Date: 06192001
Comments: nity Environmental Response Facilitation Act of 1992 Report and t
Comments Date: 06192001
Comments: he April 1997 MCAS Tustin EBS for Parcels 6, 8B, 8C, 11A, 33, 38,
Comments Date: 06192001
Comments: 39, 41A, and 41B. CEQA - OU3: DTSC completd a Special Initial
Comments Date: 06192001
Comments: Study to evaluate the potential for adverse environmental impact
Comments Date: 06192001
Comments: for the Proposed remedial action identified in the Record of Deci
Comments Date: 06192001
Comments: sion/Remedial Action Plan (ROD/RAP). The remedial action include
Comments Date: 06192001
Comments: s application of institutional controls, inspection and maintenanc
Comments Date: 06192001
Comments: ce of the concrete containment wall and surface cover, monitoring
Comments Date: 06192001
Comments: of ground water and surface water, monitoring of landfill gas, m
Comments Date: 06192001
Comments: aintenance of the french drain system and associated sumps, perio
Comments Date: 06192001
Comments: dic reviews of monitoring results, and preparation of a contingen
Comments Date: 06192001
Comments: cy plan. Based on the Special Initial Study, a Negative Declarati
Comments Date: 06192001
Comments: on was prepared pursuant to the provisions of CEQA. The draft Ne
Comments Date: 06192001
Comments: gative Declaration was circulated for a 30-day public review and
Comments Date: 06192001
Comments: comment period. DTSC has found, on the basis of the Special Initi
Comments Date: 06192001
Comments: al Study and comments received on the Negative Declaration, that
Comments Date: 06192001
Comments: there is no substantial evidence that the project will have a sig
Comments Date: 06192001
Comments: nificant effect on the environment. PEA - PCL35 and PCL 21: The
Comments Date: 06192001
Comments: Department of Navy has a lead-in-soil samplingprogram. Its obje
Comments Date: 06192001
Comments: ctive, at MCAF Tustin is to evaluate potential lead-based paint h
Comments Date: 06192001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: hazards in the soil adjacent to the housing units within the housi
Comments Date: 06192001
Comments: ng areas constructed prior to 1978. Lead-based paint on the exteri
Comments Date: 06192001
Comments: or of the houses could potentially flakeoff of the housing units
Comments Date: 06192001
Comments: and impact soil in the yard and also in areas adjacent to the per
Comments Date: 06192001
Comments: imeter of the house. A work plan was developed for the evaluatio
Comments Date: 06192001
Comments: n of potential lead-based paint hazards in soil at the former hou
Comments Date: 06192001
Comments: sing areas, one of which is Moffett Meadows (PCL 35) and Tustin V
Comments Date: 06192001
Comments: illas (PCL21). The intent of the soil sampling at the housing are
Comments Date: 06192001
Comments: as was to determine whether further evaluation was necessary prio
Comments Date: 06192001
Comments: r to transferring the property for future use. Base on the sampl
Comments Date: 06192001
Comments: ing results, it was determined that no further action was require
Comments Date: 06192001
Comments: d for lead-based paint in soil at Moffett Meadows or at Tustin Vi
Comments Date: 06192001
Comments: llas.
Comments Date: 06252004
Comments: RAP - ASAO: The Final Action Memeorandum (AM)/Remedial Action PI
Comments Date: 06252004
Comments: an (RAP) addresses a non-time critical removal action for removal
Comments Date: 06252004
Comments: of soil contaminated with arsenic at the Arsenic Area of Concern
Comments Date: 06252004
Comments: . The contaminated soil will be disposed at permitted off-site f
Comments Date: 06252004
Comments: acility. The Removal Action for this site is deemed consistent w
Comments Date: 06252004
Comments: ith Division 20, Chapter 6.8, California Health and Safety Code.
Comments Date: 06252004
Comments: This removal action will reduce the human risk associated with ar
Comments Date: 06252004
Comments: senic contaminated soil.
Comments Date: 06262000
Comments: PEA - ST-5A, ST-12, ST-22, ST-37B, ST-39, ST-42, ST-45: 1.) ST-5A
Comments Date: 06262000
Comments: and ST-12: The concrete pads were decontaminated and samples col
Comments Date: 06262000
Comments: lected from the rinse water were below action levels. Soilsamples
Comments Date: 06262000
Comments: were taken and results were also below action levels. 2.) ST-22:
Comments Date: 06262000
Comments: Soil samples were collected and results were below action levels
Comments Date: 06262000
Comments: . 3.) ST-37B: Results from soil samples triggered an excavation (
Comments Date: 06262000
Comments: approximately 129 tons) of TPH-impacted soil. The soil was treat
Comments Date: 06262000
Comments: ed at an on-site thermal desorption unit (TDU). confirmation samp

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments Date: 06262000
Comments: ling indicated that all TPH-impacted soil had been removed. 4.) S
Comments Date: 06262000
Comments: T-39 and ST-45: Results from soil samples triggered an excavation
Comments Date: 06262000
Comments: (approximately 22.3 tons and 27 tons) from ST-39 and ST-45 respec
Comments Date: 06262000
Comments: tively of PAH-impacted soil. The soil was treated at an on-site
Comments Date: 06262000
Comments: thermal desorption unit (TDU). confirmation sampling indicated th
Comments Date: 06262000
Comments: at all PAH-impacted soil had been removed. 5.) ST-42: The concret
Comments Date: 06262000
Comments: e building was decontaminated and samples collected from the rins
Comments Date: 06262000
Comments: e water were below action levels. Soil samples were taken and res
Comments Date: 06262000
Comments: ults were also below action levels. PEA - ST-13A, ST-13B, ST-18
Comments Date: 06262000
Comments: A, ST-26A, ST-34A, ST-46, ST-55, ST-60A, and ST-80: Facilit
Comments Date: 06262000
Comments: y decontamination was conducted at Sites ST-13A, ST-18A, ST-26A,
Comments Date: 06262000
Comments: ST-34A, ST-46, ST-55 and ST-56. A rinse water sample was taken a
Comments Date: 06262000
Comments: nd analyzed for each of the above sites. Soil sampling was also co
Comments Date: 06262000
Comments: nducted for each of these sites. Based on the results of the scr
Comments Date: 06262000
Comments: eening risk assessment, the concentrations at sites ST-13A ST-13B
Comments Date: 06262000
Comments: , ST-18A, ST-26A, ST-34A and ST-56 pose acceptable risk levels.
Comments Date: 06262000
Comments: Soil sample results for ST-46 and ST-55 indicated that excavatio
Comments Date: 06262000
Comments: n was required. All confirmation sample results for ST-46 and ST
Comments Date: 06262000
Comments: - 55 were below target cleanup levels and the results of the scre
Comments Date: 06262000
Comments: ening risk assessment indicate that concentrations at these two s
Comments Date: 06262000
Comments: ites pose acceptable risk levels. Decontamination activities at
Comments Date: 12202001
Comments: action for the Moffett Trenches and crash Crew Burn Pits site.
Comments Date: 12202001
Comments: The major components of the selected remedial action for OU-3 are
Comments Date: 12202001
Comments: institutional controls, groundwater and surface-water monitoring
Comments Date: 12202001
Comments: , landfill gas monitoring, inspection and maintenance of the cont
Comments Date: 12202001
Comments: ainment wall and cover, maintenance of the French drain system an
Comments Date: 12202001
Comments: d associated sumps, maintenance of monitoring wells and security
Comments Date: 12202001
Comments: features, and periodic reviews. In addition, the land use contro
Comments Date: 12202001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Comments: Is include use restrictions, notification procedures, inspections
Comments Date: 12202001
Comments: of physical structures, contingency plans, and five-year reviews
Comments Date: 12202001
Comments: .
Comments Date: 12232004
Comments: REmedial Portion of the Soil is completed
Comments Date: 12302004
Comments: Changed the date
Comments Date: 11182004
Comments: 04 (Areas A and C). These sites comprise Operable Unit (OU) 4A a
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CA9170090022
ID Name: BEP DATABASE PCODE
ID Value: P43028
Alternate Name: TUSTIN MARINE CORPS AIR STATION
Alternate Name: Not reported
Special Programs Code: BRAC2
Special Programs Name: BASE REALIGNMENT & CLOSURE, 2ND ROUND
Special Programs Code: DSMOA
Special Programs Name: DEFENSE MEMORANDUM OF AGREEMENT

DEED:

Envirostor ID: 30970002
Area: OU-3
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/20/2006
File Name: Envirostor Land Use Restrictions

Envirostor ID: 30970002
Area: OU-3
Sub Area: 1
Site Type: STATE RESPONSE
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 05/14/2002
File Name: Envirostor Land Use Restrictions

Envirostor ID: 30970002
Area: TRANSFER PARCELS
Sub Area: ETP-24-1A
Site Type: STATE RESPONSE
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 01/28/2008
File Name: Envirostor Land Use Restrictions

Envirostor ID: 30970002
Area: TRANSFER PARCELS
Sub Area: ETP 24-1B
Site Type: STATE RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN MARINE CORPS AIR STATION (Continued)

S101272797

Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 06/05/2008
File Name: Envirostor Land Use Restrictions

CORTESE:

Region: CORTESE
Envirostor Id: 30970002
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE - LAND USE RESTRICTIONS
Status Date: 06/01/1986
Site Code: 400091, 401384
Latitude: 33.716388
Longitude: -117.83083
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: CALSI
Reg Id: 30970002

Q88
NE
1/2-1
0.555 mi.
2931 ft.

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER)
MCAS TUSTIN
TUSTIN, CA 92710

ENVIROSTOR **S108054447**
VCP **N/A**

Site 2 of 2 in cluster Q

Relative:
Higher
Actual:
72 ft.

ENVIROSTOR:
Facility ID: 80001203
Status: Active
Status Date: 07/01/2006
Site Code: 900252
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 300
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Anantaramam Peddada
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER) (Continued)

S108054447

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Other Non-Military Funds
Latitude: 33.71638
Longitude: -117.8305
APN: NONE SPECIFIED
Past Use: TRANSPORTATION - PIPELINE
Potential COC: TPH-JET FUEL
Confirmed COC: TPH-JET FUEL
Potential Description: SOIL
Alias Name: South Orange County Community College District
Alias Type: Alternate Name
Alias Name: 110033605739
Alias Type: EPA (FRS #)
Alias Name: T10000000365
Alias Type: GeoTracker Global ID
Alias Name: 401384
Alias Type: Project Code (Site Code)
Alias Name: 401485
Alias Type: Project Code (Site Code)
Alias Name: 401645
Alias Type: Project Code (Site Code)
Alias Name: 401708
Alias Type: Project Code (Site Code)
Alias Name: 900252
Alias Type: Project Code (Site Code)
Alias Name: 80001203
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 02/07/2012
Comments: Agreement fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 12/26/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/20/2007
Comments: There are no comments for this document and this deliverable is considered complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/26/2007
Comments: There are no comments for this document and this deliverable is considered complete.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER) (Continued)

S108054447

Completed Document Type: Site Characterization Workplan
Completed Date: 08/25/2009
Comments: TLCP SMP Document is Finalized.

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/21/2011
Comments: This report is submitted by the City of Tustin.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/01/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/01/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/01/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/01/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/01/2005
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 02/14/2012
Comments: Work Plan is completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/31/2012
Comments: Completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/16/2012
Comments: completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER) (Continued)

S108054447

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 08/29/2013
Comments: Work Plan is completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 12/30/2012
Comments: Completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/23/2013
Comments: The task is completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/11/2013
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Area TRR
Completed Document Type: Technical Workplan
Completed Date: 04/17/2013
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 06/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/20/2007
Comments: There are no comments needed for this document and this deliverable is considered complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/20/2007
Comments: There are no comments for this document and this deliverable is considered complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/21/2007
Comments: Not reported

Completed Area Name: Transfer Parcels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER) (Continued)

S108054447

Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 05/08/2013
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SOCCCD
Completed Document Type: Reimbursement Agreement
Completed Date: 01/21/2015
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 08/25/2009
Comments: Notice of determination is filed with State Clearinghouse

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 06/06/2013
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/23/2013
Comments: completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/05/2013
Comments: completed the work plan

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 08/21/2013
Comments: Completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/23/2013
Comments: completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/31/2013
Comments: A final letter is issued noting the conditions

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/08/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER) (Continued)

S108054447

Comments: After the removal of soil and confirmation sampling is required

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 05/23/2014
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/11/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/15/2014
Comments: Completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SOCCCD
Completed Document Type: Monitoring Plan
Completed Date: 08/19/2015
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

VCP:

Facility ID: 80001203
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 300
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Anantaramam Peddada
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Site Code: 900252
Assembly: 68
Senate: 37
Special Programs Code: Not reported
Status: Active
Status Date: 07/01/2006
Restricted Use: NO
Funding: Other Non-Military Funds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER) (Continued)

S108054447

Lat/Long: 33.71638 / -117.8305
APN: NONE SPECIFIED
Past Use: TRANSPORTATION - PIPELINE
Potential COC: 3002501
Confirmed COC: 3002501
Potential Description: SOIL
Alias Name: South Orange County Community College District
Alias Type: Alternate Name
Alias Name: 110033605739
Alias Type: EPA (FRS #)
Alias Name: T10000000365
Alias Type: GeoTracker Global ID
Alias Name: 401384
Alias Type: Project Code (Site Code)
Alias Name: 401485
Alias Type: Project Code (Site Code)
Alias Name: 401645
Alias Type: Project Code (Site Code)
Alias Name: 401708
Alias Type: Project Code (Site Code)
Alias Name: 900252
Alias Type: Project Code (Site Code)
Alias Name: 80001203
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 02/07/2012
Comments: Agreement fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 12/26/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/20/2007
Comments: There are no comments for this document and this deliverable is considered complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/26/2007
Comments: There are no comments for this document and this deliverable is considered complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/25/2009
Comments: TLCP SMP Document is Finalized.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER) (Continued)

S108054447

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/21/2011
Comments: This report is submitted by the City of Tustin.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/01/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/01/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/01/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/01/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/01/2005
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 02/14/2012
Comments: Work Plan is completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/31/2012
Comments: Completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/16/2012
Comments: completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER) (Continued)

S108054447

Completed Date: 08/29/2013
Comments: Work Plan is completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 12/30/2012
Comments: Completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/23/2013
Comments: The task is completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/11/2013
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Area TRR
Completed Document Type: Technical Workplan
Completed Date: 04/17/2013
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 06/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/20/2007
Comments: There are no comments needed for this document and this deliverable is considered complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/20/2007
Comments: There are no comments for this document and this deliverable is considered complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/21/2007
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 05/08/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER) (Continued)

S108054447

Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SOCCCD
Completed Document Type: Reimbursement Agreement
Completed Date: 01/21/2015
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 08/25/2009
Comments: Notice of determination is filed with State Clearinghouse

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 06/06/2013
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/23/2013
Comments: completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/05/2013
Comments: completed the work plan

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 08/21/2013
Comments: Completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/23/2013
Comments: completed

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/31/2013
Comments: A final letter is issued noting the conditions

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/08/2013
Comments: After the removal of soil and confirmation sampling is required

Completed Area Name: Transfer Parcels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN LEGACY COMMUNITY PARTNERS LLC (FORMER) (Continued)

S108054447

Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 05/23/2014
Comments: Not reported

Completed Area Name: Transfer Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/11/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/15/2014
Comments: Completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SOCCCD
Completed Document Type: Monitoring Plan
Completed Date: 08/19/2015
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

**R89
SW
1/2-1
0.634 mi.
3348 ft.**

**TRE METAL PROCESSING CO.
1900 EAST DEERE ROAD
SANTA ANA, CA 92705**

Site 1 of 2 in cluster R

**SEMS-ARCHIVE 1000124075
CORRACTS CAD000775726
RCRA-TSDF
RCRA NonGen / NLR**

**Relative:
Lower**

SEMS Archive:
Site ID: 900236
EPA ID: CAD000775726
Cong District: 38
FIPS Code: 6059
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 9
Site ID: 900236
EPA ID: CAD000775726
Site Name: TRE METAL PROCESSING CO
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRE METAL PROCESSING CO. (Continued)

1000124075

SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 900236
EPA ID: CAD000775726
Site Name: TRE METAL PROCESSING CO
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1990-06-12 00:00:00
Finish Date: 1990-06-12 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 900236
EPA ID: CAD000775726
Site Name: TRE METAL PROCESSING CO
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1990-08-28 00:00:00
Qual: D
Current Action Lead: EPA Perf

CORRACTS:

EPA ID: CAD000775726
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900828
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 33991 336413
Jewelry and Silverware Manufacturing
Other Aircraft Parts and Auxiliary Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 08/09/1993
Facility name: TRE METAL PROCESSING CO.
Facility address: 1900 EAST DEERE ROAD
SANTA ANA, CA 92705

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRE METAL PROCESSING CO. (Continued)

1000124075

EPA ID: CAD000775726
Mailing address: 13344 SOUTH MAIN STREET
LOS ANGELES, CA 90061
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSD
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: TRE CORPORATION
Owner/operator address: 9460 WILSHIRE BLVD
BEVERLY HILLS, CA 90212
Owner/operator country: Not reported
Owner/operator telephone: 213-272-9357
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: TRE CORPORATION
Owner/operator address: 9460 WILSHIRE BLVD
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: 213-272-9357
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRE METAL PROCESSING CO. (Continued)

1000124075

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/18/1980
Site name: TRE METAL PROCESSING CO.
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 01/01/1990
Event: LEAD AGENCY DETERMINATION

Event date: 08/28/1990
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 08/28/1990
Event: NCAPS RANKING/PRIORITY

Event date: 08/28/1990
Event: LEAD AGENCY DETERMINATION

Event date: 08/28/1990
Event: PA OR CERCLA INSPECTION

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 12/23/1991
Date achieved compliance: 01/08/1992
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/20/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1100
Final penalty amount: 1100
Paid penalty amount: 1100

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 12/23/1991
Date achieved compliance: 02/20/1992
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/20/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1100
Final penalty amount: 1100
Paid penalty amount: 1100

Regulation violated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRE METAL PROCESSING CO. (Continued)

1000124075

Area of violation: Generators - General
Date violation determined: 12/23/1991
Date achieved compliance: 01/08/1992
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/20/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1100
Final penalty amount: 1100
Paid penalty amount: 1100

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 12/23/1991
Date achieved compliance: 02/20/1992
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/20/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1100
Final penalty amount: 1100
Paid penalty amount: 1100

Evaluation Action Summary:

Evaluation date: 08/20/1992
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/12/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 02/20/1992
Evaluation lead agency: State

Evaluation date: 11/12/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/08/1992
Evaluation lead agency: State

Evaluation date: 11/12/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 01/08/1992
Evaluation lead agency: State

Evaluation date: 11/12/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/20/1992
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R90
SW
1/2-1
0.634 mi.
3348 ft.

T R E METAL PROCESSING FACILITY
1900 DEERE RD
SANTA ANA, CA 92705

ENVIROSTOR
HWP

S109467225
N/A

Site 2 of 2 in cluster R

Relative:
Lower

ENVIROSTOR:

Actual:
48 ft.

Facility ID: 80001340
Status: * Inactive
Status Date: 01/01/2008
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.70556
Longitude: -117.8494
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD000775726
Alias Type: EPA Identification Number
Alias Name: 80001340
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 08/28/1990
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

HWP:

EPA Id: CAD000775726
Cleanup Status: PROTECTIVE FILER
Latitude: 33.70556

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T R E METAL PROCESSING FACILITY (Continued)

S109467225

Longitude: -117.8494
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 69
Senate District: 34
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:

EPA Id: CAD000775726
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKTRT1
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date: 11/09/1982

EPA Id: CAD000775726
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKTRT1
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date: 10/28/1982

91
NE
1/2-1
0.671 mi.
3544 ft.

RED HILL/VALENCIA K-5 SCHOOL
RED HILL AVENUE/SANTA FE DRIVE
TUSTIN, CA 92780

ENVIROSTOR
SCH

S105754260
N/A

Relative:
Higher
Actual:
75 ft.

ENVIROSTOR:
Facility ID: 30970014
Status: No Further Action
Status Date: 04/08/2004
Site Code: 404371
Site Type: School Investigation
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.74314
Longitude: -117.8254
APN: NONE SPECIFIED
Past Use: * NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Potential COC: Chlordane
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RED HILL/VALENCIA K-5 SCHOOL (Continued)

S105754260

Alias Name: RED HILL/VALENCIA K-5 SCHOOL
Alias Type: Alternate Name
Alias Name: TUSTIN UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: TUSTIN USD-RED HILL/VALENCIA K-5 SCHOOL
Alias Type: Alternate Name
Alias Name: 404371
Alias Type: Project Code (Site Code)
Alias Name: 30970014
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/08/2004
Comments: DTSC issued a no further action

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/09/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/24/2002
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RED HILL/VALENCIA K-5 SCHOOL (Continued)

S105754260

SCH:

Facility ID: 30970014
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404371
Assembly: 68
Senate: 37
Special Program Status: Not reported
Status: No Further Action
Status Date: 04/08/2004
Restricted Use: NO
Funding: School District
Latitude: 33.74314
Longitude: -117.8254
APN: NONE SPECIFIED
Past Use: * NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Potential COC: Chlordane
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: RED HILL/VALENCIA K-5 SCHOOL
Alias Type: Alternate Name
Alias Name: TUSTIN UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: TUSTIN USD-RED HILL/VALENCIA K-5 SCHOOL
Alias Type: Alternate Name
Alias Name: 404371
Alias Type: Project Code (Site Code)
Alias Name: 30970014
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/08/2004
Comments: DTSC issued a no further action

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/09/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/10/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RED HILL/VALENCIA K-5 SCHOOL (Continued)

S105754260

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/24/2002
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

92
ESE
1/2-1
0.706 mi.
3727 ft.

**NAVAL AIR STATION
TUSTIN, CA**

**ENVIROSTOR S107736826
N/A**

**Relative:
Lower
Actual:
54 ft.**

ENVIROSTOR:
Facility ID: 80000828
Status: Inactive - Action Required
Status Date: 09/29/2017
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Eileen Mananian
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.70555
Longitude: -117.8277

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR STATION (Continued)

S107736826

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F994800
Alias Type: Federal Facility ID
Alias Name: J09CA7126
Alias Type: INPR
Alias Name: 80000828
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 09/27/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/29/2017
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

93
WNW
1/2-1
0.729 mi.
3848 ft.

DIESEL LOGISTICS
1331 E. WARNER AVE
SANTA ANA, CA 92705

RESPONSE
ENVIROSTOR
Cortese

S110275524
N/A

Relative:
Higher
Actual:
64 ft.

RESPONSE:
Facility ID: 60001272
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 1.24
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Hamid Hashemian
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 401723
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 69
Senate: 34
Special Program Status: Not reported
Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIESEL LOGISTICS (Continued)

S110275524

Status Date: 04/06/2010
Restricted Use: NO
Funding: Responsible Party
Latitude: 33.71630
Longitude: -117.8531
APN: 014-281-12
Past Use: ENGINE TESTING/REPAIR, OIL/WATER SEPARATORS
Potential COC : Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: SOIL
Alias Name: 014-281-12
Alias Type: APN
Alias Name: 401519
Alias Type: Project Code (Site Code)
Alias Name: 401607
Alias Type: Project Code (Site Code)
Alias Name: 401723
Alias Type: Project Code (Site Code)
Alias Name: 60001272
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 12/01/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 01/04/2012
Comments: None

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 01/18/2017
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 07/02/2012
Comments: Reminder sent regarding unpaid past due invoices.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Ability To Pay
Completed Date: 03/17/2017
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIESEL LOGISTICS (Continued)

S110275524

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 02/14/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 09/11/2017
Comments: ISE Amendment to an Existing Order to include a new owner as an additional RP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/02/2011
Comments: None

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/02/2012
Comments: 2nd Request for payment of unpaid past due invoices sent certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 09/06/2012
Comments: Final Demand letter sent certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/27/2013
Comments: Indoor Air sampling at 4 locations were completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/28/2013
Comments: Soil at B6, B8 and B9 locations was completed on 6/28/2013 and GW sampling at three locations were completed on 07/06/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIESEL LOGISTICS (Continued)

S110275524

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 02/19/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/18/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/31/1994
Comments: A historical report to assess possibility of environmental impacts to the subject property from the operation of an industrial waste clarifier, associated trench drains and two hydraulic lifts.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 01/19/2012
Comments: Final Determination of Non-Compliance Issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 12/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 08/12/2015
Comments: I&SE Determination and RAO issued to Respondents, Maywood Park LLC and Virgil & Rachel Cooley.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Form 1479 - Site and Collections Summary
Completed Date: 01/12/2017
Comments: Signed 1479.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIESEL LOGISTICS (Continued)

S110275524

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 11/18/2011
Comments: Unilateral Order was sent out to Mr. & Mrs. Cooley at their house address

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 01/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 10/31/2011
Comments: Agreement to conduct Preliminary Endangerment Assessment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/10/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/29/2013
Comments: Conditional Approval of Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Form 1479 - Site and Collections Summary
Completed Date: 01/12/2017
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Design/Implementation Workplan
Future Due Date: 2018
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Feasibility Study Report
Schedule Due Date: 03/30/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIESEL LOGISTICS (Continued)

S110275524

Schedule Due Date: 06/30/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Public Notice
Schedule Due Date: 05/11/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Fact Sheets
Schedule Due Date: 05/31/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Community Profile
Schedule Due Date: 04/03/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: CEQA - Initial Study/ Neg. Declaration
Schedule Due Date: 06/30/2018
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 60001272
Status: Active
Status Date: 04/06/2010
Site Code: 401723
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 1.24
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Hamid Hashemian
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.71630
Longitude: -117.8531
APN: 014-281-12
Past Use: ENGINE TESTING/REPAIR, OIL/WATER SEPARATORS
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: SOIL
Alias Name: 014-281-12
Alias Type: APN
Alias Name: 401519
Alias Type: Project Code (Site Code)
Alias Name: 401607
Alias Type: Project Code (Site Code)
Alias Name: 401723

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIESEL LOGISTICS (Continued)

S110275524

Alias Type: Project Code (Site Code)
Alias Name: 60001272
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 12/01/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 01/04/2012
Comments: None

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 01/18/2017
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 07/02/2012
Comments: Reminder sent regarding unpaid past due invoices.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Ability To Pay
Completed Date: 03/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 02/14/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 09/11/2017
Comments: ISE Amendment to an Existing Order to include a new owner as an additional RP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/02/2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIESEL LOGISTICS (Continued)

S110275524

Comments: None

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/02/2012
Comments: 2nd Request for payment of unpaid past due invoices sent certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 09/06/2012
Comments: Final Demand letter sent certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/27/2013
Comments: Indoor Air sampling at 4 locations were completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/28/2013
Comments: Soil at B6, B8 and B9 locations was completed on 6/28/2013 and GW sampling at three locations were completed on 07/06/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 02/19/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/18/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/22/2015
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIESEL LOGISTICS (Continued)

S110275524

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/31/1994
Comments: A historical report to assess possibility of environmental impacts to the subject property from the operation of an industrial waste clarifier, associated trench drains and two hydraulic lifts.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 01/19/2012
Comments: Final Determination of Non-Compliance Issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 12/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 08/12/2015
Comments: I&SE Determination and RAO issued to Respondents, Maywood Park LLC and Virgil & Rachel Cooley.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Form 1479 - Site and Collections Summary
Completed Date: 01/12/2017
Comments: Signed 1479.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 11/18/2011
Comments: Unilateral Order was sent out to Mr. & Mrs. Cooley at their house address

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 01/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 10/31/2011
Comments: Agreement to conduct Preliminary Endangerment Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIESEL LOGISTICS (Continued)

S110275524

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/10/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/29/2013
Comments: Conditional Approval of Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Form 1479 - Site and Collections Summary
Completed Date: 01/12/2017
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Design/Implementation Workplan
Future Due Date: 2018
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Feasibility Study Report
Schedule Due Date: 03/30/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Workplan
Schedule Due Date: 06/30/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Public Notice
Schedule Due Date: 05/11/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Fact Sheets
Schedule Due Date: 05/31/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Community Profile
Schedule Due Date: 04/03/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIESEL LOGISTICS (Continued)

S110275524

Schedule Document Type: CEQA - Initial Study/ Neg. Declaration
Schedule Due Date: 06/30/2018
Schedule Revised Date: Not reported

CORTESE:

Region: CORTESE
Envirostor Id: 60001272
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 04/06/2010
Site Code: 401519, 401607, 401723
Latitude: 33.716305
Longitude: -117.85318
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

94
SW
1/2-1
0.754 mi.
3983 ft.

ASTECH - DIVISION OF TRE CORPO
3030 RED HILL AVE
SANTA ANA, CA 92711

ENVIROSTOR
HIST UST
CHMIRS
NPDES
CIWQS

U001578412
N/A

Relative:
Lower
Actual:
43 ft.

ENVIROSTOR:

Facility ID: 60001408
Status: Refer: RWQCB
Status Date: 11/18/2008
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 12
NPL: NO
Regulatory Agencies: RWQCB 8 - Santa Ana, US EPA
Lead Agency: RWQCB 8 - Santa Ana
Program Manager: Not reported
Supervisor: * Greg Holmes
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.70112
Longitude: -117.8477
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASTECH - DIVISION OF TRE CORPO (Continued)

U001578412

Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: OTH
Alias Name: SLT8R1034104
Alias Type: GeoTracker Global ID
Alias Name: 60001408
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 03/18/2011
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

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000014493
Facility Type: Other
Other Type: AEROSPACE MANUFACTUR
Contact Name: BILL NORTON
Telephone: 7145404121
Owner Name: TRE CORPORATION
Owner Address: 9460 WILSHIRE BLVD.
Owner City,St,Zip: BEVERLY HILLS, CA 90202
Total Tanks: 0001

Tank Num: 001
Container Num: #01
Year Installed: 1971
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, None

CHMIRS:

OES Incident Number: 9-5342
OES notification: 12/17/1999
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASTECH - DIVISION OF TRE CORPO (Continued)

U001578412

Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1999
Agency:	Santa Ana FD
Incident Date:	12/17/199912:00:00 AM
Admin Agency:	Santa Ana Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Nitric Acid Waste
Pounds:	100
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#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:	As nitric acid waste was being removed by waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASTECH - DIVISION OF TRE CORPO (Continued)

U001578412

contractor some oily rags accidentally fell in
causing a reaction.

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	209116
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30I017342
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	07/02/2002
STATUS CODE NAME:	Active
STATUS DATE:	07/02/2002
PLACE SIZE:	17
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Colleen River
FACILITY CONTACT TITLE:	sr facilities engineer
FACILITY CONTACT PHONE:	949-250-1000
FACILITY CONTACT PHONE EXT:	196
FACILITY CONTACT EMAIL:	colleen.river@usa.gknaerospace.com
OPERATOR NAME:	Astech Engineered Product Inc
OPERATOR ADDRESS:	3030 Red Hill Ave
OPERATOR CITY:	Santa Ana
OPERATOR STATE:	California
OPERATOR ZIP:	92705
OPERATOR CONTACT NAME:	Colleen River
OPERATOR CONTACT TITLE:	sr facilities engineer
OPERATOR CONTACT PHONE:	949-250-1000
OPERATOR CONTACT PHONE EXT:	196
OPERATOR CONTACT EMAIL:	colleen.river@usa.gknaerospace.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	949-250-1000
EMERGENCY PHONE EXT:	159
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASTECH - DIVISION OF TRE CORPO (Continued)

U001578412

CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Pacific Ocean
CERTIFIER NAME:	Colleen River
CERTIFIER TITLE:	Senior Facilities Engineer
CERTIFICATION DATE:	03-JUN-15
PRIMARY SIC:	3724-Aircraft Engines and Engine Parts
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	209116
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I017342
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/02/2002
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Astech Engineered Product Inc
Discharge Address:	3030 Red Hill Ave
Discharge City:	Santa Ana
Discharge State:	California
Discharge Zip:	92705
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASTECH - DIVISION OF TRE CORPO (Continued)

U001578412

OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

CIWQS:

Agency:	Astech Engineered Product Inc
Agency Address:	3030 Red Hill Ave, Santa Ana, CA 92705
Place/Project Type:	Industrial - Aircraft Engines and Engine Parts
SIC/NAICS:	3724
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 30I017342
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/02/2002
Termination Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASTECH - DIVISION OF TRE CORPO (Continued)

U001578412

Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 33.70109
Longitude: -117.84773

S95
WNW
1/2-1
0.757 mi.
3996 ft.

SOCO WEST INC./FORMER HOLCHEM FACILITY
1341 MAYWOOD AVENUE
SANTA ANA, CA 92705
Site 1 of 2 in cluster S

RESPONSE
ENVIROSTOR
Cortese

S100351260
N/A

Relative:
Higher
Actual:
65 ft.

RESPONSE:
Facility ID: 60002003
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 0.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Hamid Hashemian
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 401671
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 69
Senate: 34
Special Program Status: Not reported
Status: Active
Status Date: 04/01/2014
Restricted Use: NO
Funding: Responsible Party
Latitude: 33.71695
Longitude: -117.8527
APN: 014-281-10
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, RECYCLING - OTHER
Potential COC : Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: OTH, SV
Alias Name: 014-281-10
Alias Type: APN
Alias Name: 401671
Alias Type: Project Code (Site Code)
Alias Name: 60002003
Alias Type: Envirostor ID Number
Alias Name: 80001779
Alias Type: Envirostor ID Number
Alias Name: https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80001779
Alias Type: External Website Link / URL

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/16/2016
Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/03/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/26/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/02/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 06/08/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/05/2017
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/29/2017
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/08/2018
Comments: Fourth Quarter 2017 GW Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/04/2015
Comments: FY 1516 Cost Estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 08/17/2015
Comments: Approval of the Feasibility Study and Remedial Action Plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/03/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 08/21/2014
Comments: Review was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/27/2015
Comments: Final Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/27/2015
Comments: Public Notice for the RAP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Completed Date: 02/09/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/27/2015
Comments: Final Document

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/05/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/05/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/05/2016
Comments: Conditionally Approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/29/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/11/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 08/19/2015
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 04/01/2014
Comments: Order for Corrective Action under Chapter 6.8 Executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/08/2015
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

ENVIROSTOR:

Facility ID: 60002003
Status: Active
Status Date: 04/01/2014
Site Code: 401671
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Hamid Hashemian
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.71695
Longitude: -117.8527
APN: 014-281-10
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, RECYCLING - OTHER
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: OTH, SV
Alias Name: 014-281-10
Alias Type: APN
Alias Name: 401671
Alias Type: Project Code (Site Code)
Alias Name: 60002003
Alias Type: Envirostor ID Number
Alias Name: 80001779
Alias Type: Envirostor ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Alias Name: https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80001779

Alias Type: External Website Link / URL

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/16/2016
Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/03/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/26/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/02/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 06/08/2017
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/05/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/29/2017
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/08/2018
Comments: Fourth Quarter 2017 GW Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/04/2015
Comments: FY 1516 Cost Estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 08/17/2015
Comments: Approval of the Feasibility Study and Remedial Action Plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/03/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 08/21/2014
Comments: Review was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/27/2015
Comments: Final Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Completed Date: 02/27/2015
Comments: Public Notice for the RAP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 02/09/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/27/2015
Comments: Final Document

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/05/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/05/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/05/2016
Comments: Conditionally Approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/29/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/11/2017
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 08/19/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 04/01/2014
Comments: Order for Corrective Action under Chapter 6.8 Executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/08/2015
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

Facility ID: 80001779
Status: Refer: SMBRP
Status Date: 05/06/2014
Site Code: 400220
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Not reported
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.71672
Longitude: -117.8532
APN: 014-281-10
Past Use: RECYCLING - DRUM, RECYCLING - DRUM
Potential COC: 1,1,2-Trichloroethane
Confirmed COC: 1,1,2-Trichloroethane
Potential Description: AQUI, SOIL, SV, AQUI, SOIL, SV
Alias Name: HOLCHEM SERVICE CHEMICAL COMPANY
Alias Type: Alternate Name
Alias Name: 014-281-10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Alias Type: APN
Alias Name: CAT000612333
Alias Type: EPA Identification Number
Alias Name: SL208093864
Alias Type: GeoTracker Global ID
Alias Name: 400220
Alias Type: Project Code (Site Code)
Alias Name: 30280469
Alias Type: Envirostor ID Number
Alias Name: 60002003
Alias Type: Envirostor ID Number
Alias Name: 80001779
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 03/30/2011
Comments: Completed on 3/30/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 05/04/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 05/04/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 08/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 07/26/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 05/28/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/02/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 02/21/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 03/25/1993
Comments: Indirectly verified per letter from RP to DTSC dated April 15, 1993.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 09/12/1991
Comments: Phase I RFI Approval

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 05/20/1992
Comments: Phase II RFI Workplan Approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Workplan
Completed Date: 11/03/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 11/03/2004
Comments: Approval of Revised Phase III RCRA Facility Investigation Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 02/13/2006
Comments: System Modification to Dewatering System construction completed and started High Vacuum Dual Phase Extraction operation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 05/03/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Completed Date: 01/01/1998
Comments: Interim Corrective Measure remediation system construction. Per ICM Efficiency Evaluation Report dated 7/12/06. This construction was completed 4th Quarter of 1997. This date is approximate. System startup and O&M started 2nd quarter of 1998.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/28/2009
Comments: No comments submitted. Document accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 09/13/2011
Comments: Required changes were discussed in a meeting on Sept. 6, 2011, followed by an email on Sept. 13, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 10/10/2011
Comments: No revision to the draft document needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 04/05/1996
Comments: Interim Corrective Measure Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/18/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 09/30/2011
Comments: Completed per email exchanges on 9/30/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/29/2011
Comments: No changes require to draft document. However, comments should be addressed in a later report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/17/2012
Comments: Completed

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/08/2012
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 09/23/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 05/19/1996
Comments: Revision 1 to Interim Corrective Measure Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 01/31/1990
Comments: RFA prepared by Eco environment included in the final permit package

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 08/11/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/11/2010
Comments: DTSC approved the conceptual ICM Workplan on 3/11/2010. Holchem will follow up with a detailed workplan for Interim Measures.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Historical Operating Permit Authority
Completed Date: 03/25/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 04/01/2011
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Groundwater Migration Controlled
Future Due Date: 2036
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedy Constructed
Future Due Date: 2036
Schedule Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

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

Facility ID: 30280469
Status: Refer: RCRA
Status Date: 11/29/1982
Site Code: 400220
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71699
Longitude: -117.8527
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: SERVICE CHEMICAL CO
Alias Type: Alternate Name
Alias Name: CAT000612333
Alias Type: EPA Identification Number
Alias Name: 400220
Alias Type: Project Code (Site Code)
Alias Name: 30280469
Alias Type: Envirostor ID Number
Alias Name: 80001779
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1981
Comments: FACILITY IDENTIFIED FROM HISTORIC PHONEBOOK SEARCH. CHEMICAL MFG.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOCO WEST INC./FORMER HOLCHEM FACILITY (Continued)

S100351260

CORTESE:

Region: CORTESE
Envirostor Id: 60002003
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 04/01/2014
Site Code: 401671
Latitude: 33.716950
Longitude: -117.85270
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

S96
WNW
1/2-1
0.757 mi.
3996 ft.
Site 2 of 2 in cluster S

Relative:
Higher

Actual:
65 ft.

SERVICE CHEMICAL SITE
1341 E MAYWOOD AVE
SANTA ANA, CA 92705

SEMS-ARCHIVE
CORRACTS
RCRA-TSDF
RCRA-LQG
CPS-SLIC
US FIN ASSUR
2020 COR ACTION
EMI
Financial Assurance
HAZNET
ICE
HWP

1000170314
CAT000612333

SEMS Archive:

Site ID: 900188
EPA ID: CAT000612333
Cong District: 38
FIPS Code: 6059
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region: 9
Site ID: 900188
EPA ID: CAT000612333
Site Name: HOLCHEM DBA SERVICE CHEMICAL
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 00:00:00
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 900188
EPA ID: CAT000612333
Site Name: HOLCHEM DBA SERVICE CHEMICAL
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1989-07-12 00:00:00
Finish Date: 1989-07-12 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 900188
EPA ID: CAT000612333
Site Name: HOLCHEM DBA SERVICE CHEMICAL
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1989-10-02 00:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 9
Site ID: 900188
EPA ID: CAT000612333
Site Name: HOLCHEM DBA SERVICE CHEMICAL
NPL: N
FF: N
OU: 0
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1990-02-21 00:00:00
Qual: D
Current Action Lead: EPA Perf

CORRACTS:

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19980101
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 56291

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19891002
Action: CA029ST
NAICS Code(s): 56291

Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19891002
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 56291

Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19891002
Action: CA049PA
NAICS Code(s): 56291

Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20121203
Action: CA024
NAICS Code(s): 56291

Remediation Services
Original schedule date: 20121203
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19940503
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 56291

Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Area Name: ENTIRE FACILITY
Actual Date: 19940503
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20041103
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20041103
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19931103
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19931103
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20000504
Action: CA750NO - Migration of Contaminated Groundwater under Control,
Unacceptable migration of contaminated groundwater is observed or
expected
NAICS Code(s): 56291
Remediation Services

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20000504
Action: CA750NO - Migration of Contaminated Groundwater under Control,
Unacceptable migration of contaminated groundwater is observed or
expected
NAICS Code(s): 56291
Remediation Services
Original schedule date: 20000504
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20000504
Action: CA725IN - Current Human Exposures Under Control, More information is
needed to make a determination
NAICS Code(s): 56291
Remediation Services
Original schedule date: 20000504
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20000504
Action: CA725IN - Current Human Exposures Under Control, More information is
needed to make a determination
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19990504
Action: CA750NO - Migration of Contaminated Groundwater under Control,
Unacceptable migration of contaminated groundwater is observed or
expected
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19990504
Action: CA725IN - Current Human Exposures Under Control, More information is
needed to make a determination
NAICS Code(s): 56291
Remediation Services

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19960405
Action: CA600SR - Stabilization Measures Implemented, Primary measure is
source removal and/or treatment

NAICS Code(s): 56291
Remediation Services

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19960405
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction
and treatment

NAICS Code(s): 56291
Remediation Services

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910912
Action: CA150 - RFI Workplan Approved

NAICS Code(s): 56291
Remediation Services

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910912
Action: CA150 - RFI Workplan Approved

NAICS Code(s): 56291
Remediation Services

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20060213
Action: CA650 - Stabilization Construction Completed

NAICS Code(s): 56291
Remediation Services

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Area Name: ENTIRE FACILITY
Actual Date: 19900217
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910220
Action: CA021OP
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19920520
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19920520
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19920821
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900221
Action: CA049SI
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Schedule end date: Not reported

EPA ID: CAT000612333

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19920923

Action: CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available

NAICS Code(s): 56291
Remediation Services

Original schedule date: 19920923

Schedule end date: Not reported

EPA ID: CAT000612333

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19920923

Action: CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available

NAICS Code(s): 56291
Remediation Services

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAT000612333

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19910325

Action: CA100 - RFI Imposition

NAICS Code(s): 56291
Remediation Services

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAT000612333

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19930325

Action: CA200 - RFI Approved

NAICS Code(s): 56291
Remediation Services

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAT000612333

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19930325

Action: CA200 - RFI Approved

NAICS Code(s): 56291
Remediation Services

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20050726
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human
Exposures Under Control has been verified
NAICS Code(s): 56291
Remediation Services

Original schedule date: 20050726
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20050726
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human
Exposures Under Control has been verified
NAICS Code(s): 56291
Remediation Services

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19960927
Action: CA225 - Stabilization Measures Evaluation
NAICS Code(s): 56291
Remediation Services

Original schedule date: 19960730
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20060430
Action: CA200 - RFI Approved
NAICS Code(s): 56291
Remediation Services

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900131
Action: CA050 - RFA Completed
NAICS Code(s): 56291
Remediation Services

Original schedule date: 19900131
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Area Name: ENTIRE FACILITY
Actual Date: 19900131
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 56291
Remediation Services
Original schedule date: 19900131
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20060331
Action: CA600 - Stabilization Measures Implemented
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: Not reported
Action: CA048SF
NAICS Code(s): 56291
Remediation Services
Original schedule date: 19910225
Schedule end date: Not reported

EPA ID: CAT000612333
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: Not reported
Action: CA03193
NAICS Code(s): 56291
Remediation Services
Original schedule date: 19931001
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 10/22/2008
Facility name: SERVICE CHEMICAL SITE
Facility address: 1341 E MAYWOOD AVE
SANTA ANA, CA 92705
EPA ID: CAT000612333
Mailing address: 1400 N HARBOR BLVD
STE 130 47
FULLERTON, CA 92835
Contact: GREG FIOL
Contact address: 1400 N HARBOR BLVD STE 700
FULLERTON, CA 92835
Contact country: US
Contact telephone: 818-502-9470
Telephone ext.: 13
Contact email: GREG.FIOL@ARCADIS-US.COM
EPA Region: 09
Land type: Private
Classification: TSDF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Classification: Large Quantity Generator

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

Owner/Operator Summary:

Owner/operator name: JAMES LEWIS TRUSTEE MAYWOOD TRUST UDT

Owner/operator address: 1400 N HARBOR BLVD STE 130 47
FULLERTON, CA 92835

Owner/operator country: US

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 08/23/2002

Owner/Op end date: Not reported

Owner/operator name: JAMES LEWIS TRUSTEE MAYWOOD TRUST UDT

Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 08/23/2002

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: Yes

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: D043
. Waste name: VINYL CHLORIDE

Historical Generators:

Date form received by agency: 12/21/2005
Site name: SERVICE CHEMICAL SITE
Classification: Large Quantity Generator

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: D043
. Waste name: VINYL CHLORIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Date form received by agency: 09/01/1996

Site name: HOLCHEM DBA SERVICE CHEMICAL

Classification: Large Quantity Generator

Date form received by agency: 02/24/1992

Site name: SERVICE CHEMICAL CO

Classification: Large Quantity Generator

Date form received by agency: 04/12/1990

Site name: HOLCHEM, INC./SERVICE CHEMICAL CO

Classification: Large Quantity Generator

Date form received by agency: 08/18/1980

Site name: HOLCHEM DBA SERVICE CHEMICAL

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D008

. Waste name: LEAD

. Waste code: D009

. Waste name: MERCURY

Corrective Action Summary:

Event date: 10/02/1989

Event: PA OR CERCLA INSPECTION

Event date: 10/02/1989

Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 10/02/1989

Event: LEAD AGENCY DETERMINATION

Event date: 01/31/1990

Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 01/31/1990

Event: RFA COMPLETED

Event date: 02/17/1990

Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 02/21/1990

Event: PA OR CERCLA INSPECTION

Event date: 02/20/1991

Event: 3004(U) C/A UNDER PERMIT

Event date: 03/25/1991

Event: INVESTIGATION IMPOSITION

Event date: 09/12/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	09/12/1991
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	05/20/1992
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	05/20/1992
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	08/21/1992
Event:	CA PRIORITIZATION-HIGH CA PRIORITY
Event date:	09/23/1992
Event:	STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY
Event date:	09/23/1992
Event:	STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY
Event date:	03/25/1993
Event:	INVESTIGATION COMPLETE
Event date:	03/25/1993
Event:	INVESTIGATION COMPLETE
Event date:	08/11/1993
Event:	RFA COMPLETED-ASSESSMENT WAS A PA-PLUS
Event date:	11/03/1993
Event:	CMS WORKPLAN APPROVED
Event date:	11/03/1993
Event:	CMS WORKPLAN APPROVED
Event date:	05/03/1994
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	05/03/1994
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	04/05/1996
Event:	STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION & TREATMENT
Event date:	04/05/1996
Event:	STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL &/OR TRT
Event date:	09/27/1996
Event:	STABILIZATION MEASURES EVALUATION
Event date:	01/01/1998
Event:	STABILIZATION CONSTRUCTION COMPLETED
Event date:	05/04/1999
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

DEFINITION

Event date:	05/04/1999
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	05/04/2000
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	05/04/2000
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	05/04/2000
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	05/04/2000
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	11/03/2004
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	11/03/2004
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	07/26/2005
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	07/26/2005
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	02/13/2006
Event:	STABILIZATION CONSTRUCTION COMPLETED
Event date:	03/31/2006
Event:	STABILIZATION/INTERIM MEASURES DECISION
Event date:	04/30/2006
Event:	INVESTIGATION COMPLETE
Event date:	12/03/2012
Event:	-MISSING EVENT NAME-
Event date:	Not reported
Event:	RFA NEED BY ANOTHER AGCY
Event date:	Not reported
Event:	REEVALUATE IN FY

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	TSD - Financial Requirements
Date violation determined:	03/20/2008
Date achieved compliance:	Not reported
Violation lead agency:	State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/09/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 06/21/2006
Date achieved compliance: 08/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/08/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Changes
Date violation determined: 06/21/2006
Date achieved compliance: 08/23/2007
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Changes
Date violation determined: 06/21/2006
Date achieved compliance: 08/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/08/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 06/21/2006
Date achieved compliance: 08/23/2007
Violation lead agency: State
Enforcement action: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 06/21/2006
Date achieved compliance: 12/08/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/08/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 12/06/1990
Date achieved compliance: 01/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/18/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/30/1990
Date achieved compliance: 03/12/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/02/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/18/1990
Date achieved compliance: 02/19/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/02/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 02/16/1989
Date achieved compliance: 06/30/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 06/30/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 02/16/1989
Date achieved compliance: 06/30/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 06/30/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 02/16/1989
Date achieved compliance: 06/30/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 06/30/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/08/1989
Date achieved compliance: 01/30/1990
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 07/05/1989
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 10000
Paid penalty amount: 10000

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/08/1989
Date achieved compliance: 01/30/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/08/1989
Date achieved compliance: 01/30/1990
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 02/17/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 12/08/1987
Date achieved compliance: 02/04/1988
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 12/08/1987
Date achieved compliance: 02/04/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/31/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 12/08/1987
Date achieved compliance: 02/04/1988
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/26/1986
Date achieved compliance: 07/05/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 02/17/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/26/1986
Date achieved compliance: 07/05/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/25/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/20/2008
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/23/2007
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/24/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 06/21/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - Changes
Date achieved compliance: 08/23/2007
Evaluation lead agency: State

Evaluation date: 06/21/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/23/2007
Evaluation lead agency: State

Evaluation date: 06/21/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/08/2006
Evaluation lead agency: State

Evaluation date: 06/21/2006
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/26/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/24/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/06/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/18/1991
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Evaluation date: 10/05/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/30/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/12/1990
Evaluation lead agency: State

Evaluation date: 01/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/19/1990
Evaluation lead agency: State

Evaluation date: 02/16/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/30/1989
Evaluation lead agency: State

Evaluation date: 02/16/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 06/30/1989
Evaluation lead agency: State

Evaluation date: 02/08/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/30/1990
Evaluation lead agency: State

Evaluation date: 12/08/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/04/1988
Evaluation lead agency: State

Evaluation date: 12/08/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/04/1988
Evaluation lead agency: State

Evaluation date: 11/26/1986
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/05/1989
Evaluation lead agency: State

SLIC REG 8:

Type: Soil and Groundwater
Facility Status: Additional Characterization Underway
Staff: MGC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Substance: SOLVENTS
Lead Agency: Department of Toxic Substance Control
Location Code: SA-19
Thomas Bros Code: Not reported

US FIN ASSUR:

EPA ID: CAT000612333
Provider: NATIONAL INDEMNITY COMPANY, NE
EPA region: 9
County: Not reported
Mechanism type: SURETY BOND GUARANTEEING PERFORMANCE
Mechanism ID: 70NGP 184100
Cost estimate: 185149
Face value: 185149
Effective date: 2008-09-16 00:00:00

EPA ID: CAT000612333
Provider: WELLS FARGO
EPA region: 9
County: Not reported
Mechanism type: STANDBY TRUST
Mechanism ID: N/A
Cost estimate: 185149
Face value: 0
Effective date: 2008-09-17 00:00:00

2020 COR ACTION:

EPA ID: CAT000612333
Region: 9
Action: Not reported

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 48054
Air District Name: SC
SIC Code: 5199
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: 4
Reactive Organic Gases Tons/Yr: 4
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

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 48054
Air District Name: SC
SIC Code: 2819
Air District Name: SOUTH COAST AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
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

CA Financial Assurance 1:

EPA ID Number: CAT000612333
Sudden Amount1: Not reported
Non Sudden Amount1: Not reported
Closure Mechanism: Not reported
Closure Amount: Not reported
Post Closure Mechanism: Not reported
Post Closure Amount: Not reported
Corrective Action Mechanism: SB
Corrective Action Amount: \$185,149.00
Sudden Mechanism Type: Not reported
Sudden Mechanism Amount: Not reported
Non Sudden Mechanism Type: Not reported
Non Sudden Mechanism Amount: Not reported
O and M Mechanism Type: Not reported
O and M Amount: Not reported
Closure Mechanism Date of Mechanism: Not reported
Closure Mechanism Renewal Date: Not reported
Closure Mechanism Provider: Not reported
Postclosure Mechanism Date of Mechanism: Not reported
Postclosure Mechanism Renewal Date: Not reported
Postclosure Mechanism Provider: Not reported
O and M Mechanism Date of Mechanism: Not reported
O and M Mechanism Renewal Date: Not reported
O and M Mechanism Provider: Not reported
Corrective Action Mechanism Date of Mechanism: 2008-09-16 00:00:00
Corrective Action Mechanism Renewal Date: Not reported
Corrective Action Mechanism Provider: National Indemnity Company, NE
Sudden Mechanism Date of Mechanism: Not reported
Sudden Mechanism Renewal Date: Not reported
Sudden Mechanism Provider: Not reported
Non-Sudden Mechanism Date of Mechanism: Not reported
Non-Sudden Mechanism Renewal Date: Not reported
Non-Sudden Mechanism Provider: Not reported
Date Entered into EnviroStor: Not reported
Authorization Type: Cleanup
Comments: STA with Wells Fargo; LOC 190767

HAZNET:

envid: 1000170314
Year: 2016
GEPAID: CAT000612333
Contact: JAMES LEWIS
Telephone: 9492855076
Mailing Name: Not reported
Mailing Address: 6285 E SPRING ST STE 514

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Mailing City,St,Zip: LONG BEACH, CA 90808
Gen County: Orange
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 1.071
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Facility County: Orange

envid: 1000170314
Year: 2015
GEPAID: CAT000612333
Contact: JAMES LEWIS
Telephone: 9492855076
Mailing Name: Not reported
Mailing Address: 6285 E SPRING ST STE 514
Mailing City,St,Zip: LONG BEACH, CA 90808
Gen County: Orange
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 1.008
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000170314
Year: 2014
GEPAID: CAT000612333
Contact: JAMES LEWIS
Telephone: 9492855076
Mailing Name: Not reported
Mailing Address: 6285 E SPRING ST STE 514
Mailing City,St,Zip: LONG BEACH, CA 90808
Gen County: Orange
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 1.302
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000170314
Year: 2013
GEPAID: CAT000612333
Contact: JAMES LEWIS
Telephone: 9492855076
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Mailing Address: 6285 E SPRING ST STE 514
Mailing City,St,Zip: LONG BEACH, CA 90808
Gen County: Orange
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 1.197
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000170314
Year: 2012
GEPAID: CAT000612333
Contact: JAMES LEWIS/TRUSTEE
Telephone: 7604694650
Mailing Name: Not reported
Mailing Address: 6285 E SPRING ST STE 514
Mailing City,St,Zip: LONG BEACH, CA 90808
Gen County: Orange
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.8274
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

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

ICE:

Envirostor ID: 3000952
EPA ID: CAT000612333
Site Type: INSPECTION
Facility Status: Out of Compliance

Inspection:

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 06/25/2008
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 03/20/2008
Violation Class: Minor
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 06/21/2006
Violation Class: Class 1, Minor
RTC Date: 08/23/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

HWP:

EPA Id: CAT000612333
Cleanup Status: CLOSED
Latitude: 33.71672
Longitude: -117.8532
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: 400220
Assembly District: 69
Senate District: 34
Public Information Officer: Not reported
Public Information Officer: TIMOTHY CHAUVEL

Activities:

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/20/1980

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 04/25/1990

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED
Actual Date: 08/22/1991

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 04/16/1989

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 02/20/1991

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 03/25/1991

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 05/04/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE CHEMICAL SITE (Continued)

1000170314

Closure:

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: Closure Final - Needs Review - RECEIVE CLOSURE CERTIFICATION
Actual Date: 03/31/1992

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: Closure Final - Needs Review - ISSUE CLOSURE VERIFICATION
Actual Date: 05/12/1992

Alias:

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Alias Type: Envirostor ID Number
Alias: 30280469

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 400220

EPA Id: CAT000612333
Facility Type: Historical - Non-Operating
Alias Type: Alternate Name
Alias: HOLCHEM SERVICE CHEMICAL COMPANY

97
NW
1/2-1
0.763 mi.
4029 ft.

SOUTH BAY CHROME SALES
2041 S. GRAND AVENUE
SANTA ANA, CA 92705

ENVIROSTOR S108755370
N/A

Relative:
Higher

Actual:
71 ft.

ENVIROSTOR:

Facility ID: 71003356
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71921

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BAY CHROME SALES (Continued)

S108755370

Longitude: -117.8500
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000144953
Alias Type: EPA Identification Number
Alias Name: 71003356
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
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

T98
NNE
1/2-1
0.778 mi.
4109 ft.

MCKESSON CHEMICAL
1302 INDUSTRIAL DRIVE
TUSTIN, CA 92680

ENVIROSTOR **S103627826**
N/A

Site 1 of 2 in cluster T

Relative:
Higher
Actual:
81 ft.

ENVIROSTOR:

Facility ID: 30280149
Status: Refer: RCRA
Status Date: 09/01/1984
Site Code: 400368
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.72101
Longitude: -117.8312
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKESSON CHEMICAL (Continued)

S103627826

Potential COC: * OXYGENATED SOLVENTS * UNSPECIFIED SOLVENT MIXTURES * OTHER
PESTICIDE CONTAINERS, 30 GALLONS OR MORE

Confirmed COC: NONE SPECIFIED

Potential Description: NONE SPECIFIED

Alias Name: FOREMOST MCKESSON (DIV OF MCKESSON CORP)

Alias Type: Alternate Name

Alias Name: CAD061601019

Alias Type: EPA Identification Number

Alias Name: 400368

Alias Type: Project Code (Site Code)

Alias Name: 30280149

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Site Screening

Completed Date: 10/27/1994

Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment Report

Completed Date: 09/01/1984

Comments: SOURCE ACT: HW FAC PERMIT APPLI - INDUST CHEM DISTRIBUTION FAC. NO
CHEM PACKING & BLENDING. STPRE TEMP & RESHIP TO RECYCLE T/C W/
J.GERRICK,MCKESSON CHEM,714-832- 7330,8/7/84 - YR OF OPER:
1973-PRESENT WASTE TYPE: TRICHLOROETHANE, FREON, TRICHLOROETHYLENE,
METHYLENE CHLORIDE, PERCHLOROETHYLENE, ISOPROPANOL, MEK, TOLUENE,
XYLENE. MARYLAND CORP PICK-UP SPENT SOLVENTS, SUBMIT TO EPA PRELIM
ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: * Discovery

Completed Date: 10/12/1983

Comments: FACILITY IDENTIFIED ID FROM ERRIS

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: * Discovery

Completed Date: 09/24/1981

Comments: FACILITY IDENTIFIED FROM EPA NOTIS LIST

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

Facility ID: 80001441

Status: * Completed

Status Date: 01/01/2008

Site Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKESSON CHEMICAL (Continued)

S103627826

Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: RWQCB
Lead Agency: WQC
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.72169
Longitude: -117.8306
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD061601019
Alias Type: EPA Identification Number
Alias Name: 30280149
Alias Type: Envirostor ID Number
Alias Name: 80001441
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 08/01/1984
Comments: Preliminary Assessment Summary dated August 1984. No specific date given. The PA recommended no further action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CA Process is Terminated
Completed Date: 08/01/1984
Comments: PA determined NFA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CA Process is Terminated
Completed Date: 08/01/1984
Comments: PA conducted in August 1984 recommended No Further Action. There are no further Corr Action events.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Other Instrument
Completed Date: 08/01/1984
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKESSON CHEMICAL (Continued)

S103627826

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

T99 **MCKESSON CHEM CO**
NNE **1302 INDUSTRIAL DR**
1/2-1 **TUSTIN, CA 92780**
0.778 mi.
4109 ft. **Site 2 of 2 in cluster T**

SEMS-ARCHIVE **1000206095**
CORRACTS **CAD061601019**
RCRA-TSDF
RCRA-SQG
FINDS
ECHO
HWP

Relative:
Higher

Actual:
81 ft.

SEMS Archive:
Site ID: 901481
EPA ID: CAD061601019
Cong District: 40
FIPS Code: 6059
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 9
Site ID: 901481
EPA ID: CAD061601019
Site Name: FOREMOST MCKESSON INC MCKESSON CHEM CO
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1985-05-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 901481
EPA ID: CAD061601019
Site Name: FOREMOST MCKESSON INC MCKESSON CHEM CO
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-08-01 00:00:00
Finish Date: 1980-08-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 901481

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKESSON CHEM CO (Continued)

1000206095

EPA ID: CAD061601019
Site Name: FOREMOST MCKESSON INC MCKESSON CHEM CO
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1985-01-01 00:00:00
Finish Date: 1985-05-01 00:00:00
Qual: N
Current Action Lead: St Perf

CORRACTS:

EPA ID: CAD061601019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19840801
Action: CA049PA
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD061601019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19840801
Action: CA999 - Corrective Action Process Terminated
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD061601019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19840801
Action: CA999 - Corrective Action Process Terminated
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD061601019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19850501
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 10/30/1992
Facility name: MCKESSON CHEM CO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKESSON CHEM CO (Continued)

1000206095

Facility address: 1302 INDUSTRIAL DR
TUSTIN, CA 92780
EPA ID: CAD061601019
Mailing address: 1302 INDUSTRIAL DRIVE
TUSTIN, CA 92680
Contact: Not reported
Contact address: Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name: FOREMOST MCKESSON INC
Owner/operator address: ONE POST STREET
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-983-7505
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: FOREMOST MCKESSON INC
Owner/operator address: ONE POST STREET
SAN FRANCISCO, CA 94104
Owner/operator country: Not reported
Owner/operator telephone: 415-983-7505
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKESSON CHEM CO (Continued)

1000206095

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/18/1980
Site name: MCKESSON CHEM CO
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 08/01/1984
Event: CA PROCESS IS TERMINATED

Event date: 08/01/1984
Event: PA OR CERCLA INSPECTION

Event date: 08/01/1984
Event: CA PROCESS IS TERMINATED

Event date: 05/01/1985
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 05/01/1985
Event: NCAPS RANKING/PRIORITY

Event date: 01/01/1990
Event: LEAD AGENCY DETERMINATION

Facility Has Received Notices of Violations:

Regulation violated: F - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/23/1984
Date achieved compliance: 05/02/1984
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/27/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/14/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKESSON CHEM CO (Continued)

1000206095

Evaluation lead agency: State

Evaluation date: 03/28/1986
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/18/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/26/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/26/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/05/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/31/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/23/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/02/1984
Evaluation lead agency: State

FINDS:

Registry ID: 110006467518

Environmental Interest/Information System

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKESSON CHEM CO (Continued)

1000206095

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

ECHO:

Envid: 1000206095
Registry ID: 110006467518
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006467518>

HWP:

EPA Id: CAD061601019
Cleanup Status: CLOSED
Latitude: 33.72169
Longitude: -117.8306
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 68
Senate District: 37
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/18/1980

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED
Actual Date: 08/27/1984

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 08/27/1984

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 03/11/1983

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 02/29/1984

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKESSON CHEM CO (Continued)

1000206095

Unit Names: CONTAIN1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 11/28/1983

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 01/25/1988

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 09/01/1983

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 08/27/1984

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION APPROVED
Actual Date: 11/20/1985

Closure:
EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 12/18/1988

EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 12/02/1985

Alias:
EPA Id: CAD061601019
Facility Type: Historical - Non-Operating
Alias Type: Envirostor ID Number
Alias: 30280149

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

100
West
1/2-1
0.800 mi.
4222 ft.

TRACOR FLIGHT SYSTEMS
1241 E DYER ROAD
SANTA ANA, CA 92705

ENVIROSTOR
EMI
S106841289
N/A

Relative:
Lower

ENVIROSTOR:

Actual:
57 ft.

Facility ID: 71003332
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71072
Longitude: -117.8557
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000123977
Alias Type: EPA Identification Number
Alias Name: 71003332
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 01/31/2001
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

EMI:

Year: 1990
County Code: 30
Air Basin: SC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRACOR FLIGHT SYSTEMS (Continued)

S106841289

Facility ID: 60181
Air District Name: SC
SIC Code: 3728
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 Smlr Tons/Yr: 0

101
NE
1/2-1
0.802 mi.
4234 ft.

SUPERIOR PROCESSING
1582 PARKWAY LOOP #H
TUSTIN, CA 92680

ENVIROSTOR **S110494357**
N/A

Relative:
Higher
Actual:
75 ft.

ENVIROSTOR:
Facility ID: 71003341
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71915
Longitude: -117.8276
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000130073
Alias Type: EPA Identification Number
Alias Name: 71003341
Alias Type: Envirostor ID Number

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPERIOR PROCESSING (Continued)

S110494357

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

**102
NW
1/2-1
0.816 mi.
4310 ft.**

**MBH ELECTRONICS
1410 E SAINT GERTRUDE PL
SANTA ANA, CA 92705**

**ENVIROSTOR S110275504
N/A**

**Relative:
Higher
Actual:
70 ft.**

ENVIROSTOR:

Facility ID: 60001270
Status: Refer: RWQCB
Status Date: 05/29/2015
Site Code: 401527
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1.6
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Willard Garrett
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.71958
Longitude: -117.8515
APN: NONE SPECIFIED
Past Use: MANUFACTURING - ELECTRONIC, METAL PLATING - OTHER
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE 1,1-Dichloroethylene
1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans
Confirmed COC: Tetrachloroethylene (PCE 1,2-Dichloroethylene (cis
1,2-Dichloroethylene (trans Trichloroethylene (TCE
1,1-Dichloroethylene
Potential Description: OTH, SOIL, SV, UE
Alias Name: 401527
Alias Type: Project Code (Site Code)
Alias Name: 60001270
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 10/31/2014
Comments: Final report available July 2015 from USEPA data base and uploaded.
SSA report Confidential attachments located in Confidential field,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MBH ELECTRONICS (Continued)

S110275504

see drop down menu.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 01/10/2011
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

U103
NW
1/2-1
0.817 mi.
4312 ft.
Relative:
Higher
Actual:
68 ft.

EMBEE PLATING
2144 S HATHAWAY ST
SANTA ANA, CA 92705

Site 1 of 2 in cluster U

ENVIROSTOR
Orange Co. Industrial Site
US AIRS
EMI
HWP
NPDES
WDS
CIWQS

1000725911
N/A

ENVIROSTOR:
Facility ID: 71002312
Status: Refer: Other Agency
Status Date: 12/18/1997
Site Code: 400928
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71872
Longitude: -117.8530
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD009659541
Alias Type: EPA Identification Number
Alias Name: 400928
Alias Type: Project Code (Site Code)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Alias Name: 71002312
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Action Completion Determination
Completed Date: 09/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Oversight
Completed Date: 05/05/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Oversight
Completed Date: 05/06/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Oversight
Completed Date: 05/07/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 05/30/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Oversight
Completed Date: 05/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 12/21/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/18/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/28/2003
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 01/07/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Oversight
Completed Date: 05/09/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 12/21/2001
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

Orange Co. Industrial Site:

Case ID: 911C058
Record ID: RO0000346
Current Status: CLOSED 5/13/1996
Closure Type: Voluntary Cleanup Program Termination
Released Chemical: PLATING WASTE - OTHER METALS

US AIRS (AFS):

Envid: 1000725911
Region Code: 09
County Code: CA059
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
D and B Number: Not reported
Facility Site Name: EMBEE PLATING
Primary SIC Code: 3471
NAICS Code: 332813
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: TVM
HPV Status: Not reported

US AIRS (AFS):

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Activity Date:	1978-09-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1979-08-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1980-09-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1981-07-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1982-03-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-03-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-03-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-08-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-03-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-08-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-04-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-06-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-03-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1990-06-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1991-06-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1992-02-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1993-03-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Activity Date:	1994-02-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1997-01-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-03-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2003-03-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-03-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900034
Facility Registry ID:	110000480550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-04-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 1998-03-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2000-09-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-03-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-08-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-04-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900034
Facility Registry ID: 110000480550
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

EMI:

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 60265
Air District Name: SC
SIC Code: 3471
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

HWP:

EPA Id: CAD009659541
Cleanup Status: KNOWN GENERATORS
Latitude: 33.71906
Longitude: -117.8526
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: 400928

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Assembly District: 69
Senate District: 34
Public Information Officer: Not reported
Public Information Officer: TIMOTHY CHAUVEL

Alias:

EPA Id: CAD009659541
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 400928

NPDES:

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 8
Regulatory Measure Id: 208976
Order No: Not reported
Regulatory Measure Type: Industrial
Place Id: Not reported
WDID: 8 30I015319
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 12/23/2013
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 05/09/2008
PROCESSED DATE: 08/12/1999
STATUS CODE NAME: Terminated
STATUS DATE: 01/03/2014
PLACE SIZE: 250000
PLACE SIZE UNIT: SqFt
FACILITY CONTACT NAME: Eric Stoll
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: 714-546-9842
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: estroll@embee.com
OPERATOR NAME: Embee Inc
OPERATOR ADDRESS: 2136 S Hathaway
OPERATOR CITY: Santa Ana
OPERATOR STATE: California
OPERATOR ZIP: 92705
OPERATOR CONTACT NAME: Randy Lance
OPERATOR CONTACT TITLE: Not reported
OPERATOR CONTACT PHONE: 714-546-9842
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: rlance@embee.com
OPERATOR TYPE: Private Business
DEVELOPER NAME: Not reported
DEVELOPER ADDRESS: Not reported
DEVELOPER CITY: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	714-546-9842
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	208143
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30I000342
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	03/11/1992
STATUS CODE NAME:	Terminated
STATUS DATE:	03/11/1992
PLACE SIZE:	100000
PLACE SIZE UNIT:	SqFt

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Embee Plating
OPERATOR ADDRESS:	2136 S Hathaway St
OPERATOR CITY:	Santa Ana
OPERATOR STATE:	California
OPERATOR ZIP:	92705
OPERATOR CONTACT NAME:	John A Larnard
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	714-546-9842
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	714-546-9842
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Back Bay
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

WDS:

Facility ID:	Santa Ana River 30I015319
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 8

Facility Telephone: 7145469842

Facility Contact: RYAN BRINK

Agency Name: EMBEE INC

Agency Address: 2136 S HATHAWAY

Agency City,St,Zip: SANTA ANA 92705

Agency Contact: RYAN BRINK

Agency Telephone: 7145469842

Agency Type: Private

SIC Code: 3471

SIC Code 2: Not reported

Primary Waste Type: Not reported

Primary Waste: Not reported

Waste Type2: Not reported

Waste2: Not reported

Primary Waste Type: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Agency: Embee Inc

Agency Address: 2136 S Hathaway, Santa Ana, CA 92705

Place/Project Type: Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring

SIC/NAICS: 3471

Region: 8

Program: INDSTW

Regulatory Measure Status: Terminated

Regulatory Measure Type: Storm water industrial

Order Number: 2014-0057-DWQ

WDID: 8 30I015319

NPDES Number: CAS000001

Adoption Date: Not reported

Effective Date: 08/12/1999

Termination Date: 12/23/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

1000725911

Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.7185
Longitude:	-117.85265
Agency:	Embee Plating
Agency Address:	2136 S Hathaway St, Santa Ana, CA 92705
Place/Project Type:	Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring
SIC/NAICS:	3471
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 30I000342
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/11/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.7185
Longitude:	-117.85265

104
WNW
1/2-1
0.817 mi.
4313 ft.

EMBEE PLATING
2144 SOUTH HATHAWAY
SANTA ANA, CA 92705

ENVIROSTOR **S105026402**
HIST CORTESE **N/A**

Relative:
Higher
Actual:
66 ft.

ENVIROSTOR:	
Facility ID:	30340013
Status:	Active
Status Date:	01/01/1997
Site Code:	400928
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	5.2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Chia Rin Yen
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	69
Senate:	34
Special Program:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

S105026402

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.71819
Longitude: -117.8529
APN: 014-273-12, 7575006009
Past Use: MANUFACTURING - INDUSTRIAL MACHINERY
Potential COC: * HALOGENATED ORGANIC COMPOUNDS * HALOGENATED SOLVENTS * Metals -
Sludge * ACID SOLUTION 2>PH WITH METALS * Sludge - Paint * WASTE OIL
& MIXED OIL Cadmium and compounds Chromium VI Cyanide (free Nickel
Confirmed COC: NONE SPECIFIED
Potential Description: AQUI, SOIL, SV
Alias Name: 014-273-12
Alias Type: APN
Alias Name: 7575006009
Alias Type: APN
Alias Name: CAD009659541
Alias Type: EPA Identification Number
Alias Name: T10000008204
Alias Type: GeoTracker Global ID
Alias Name: 400928
Alias Type: Project Code (Site Code)
Alias Name: 30340013
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2016
Comments: Annual Cost Estimate Letter, dated 9/21/16, sent to RP via email and
regular mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2015
Comments: Annual Cost Estimate emailed and mailed to BP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/10/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/01/1995
Comments: The site is not listed on the SA RWQCB's SLIC list. Staff's recent
investigation indicates that the SA RWQCB is in the process of
issuing an order to Embree Plating. NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/02/1995
Comments: The site is not listed on the SA RWQCB's SLIC list. Staff recent

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

S105026402

investigation indicates that SA RWQCB is in the process of issuing an order EMBEE Plating. NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 12/08/1987
Comments: PRELIM ASSESS DONE 3 DIF PROPERTY OWNERS: CHRISTOPHER MILLS GEORGE KIFER, & J. DAHLBERG. EMBEE OCCUPIES 6 DIF BLDGS. HAD 2 UNDER-G SUMPS USED FOR DISP OF HAZ WST & CLOSED SUMPS IN EARLY 1980'S. SI HIGH RECOM. NOV 1980: OCEMA REQ REMOVAL OF WD ONTO GRD FROM THE CHROMIUM BLDGS. NO RECORDS FOUND TO VERIFY COMPLI W/ THAT ORDER & IF GRD SURFACE WAS PAVED DURING DISCH.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/08/1987
Comments: SITE SCREENING DONE CERCLA GRANT SITE

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/22/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/11/2009
Comments: Completed Fact Sheets in English and Spanish.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 08/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/07/2012
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 09/21/2011
Comments: DTSC comments to be addressed in subsequent workplans and reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 10/20/2011
Comments: Comments to be addressed in future documents.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

S105026402

Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 12/05/2011
Comments: No significant comments from DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 08/07/2012
Comments: Approval granted via email sent on 8/7/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/11/2012
Comments: Comments made 5/16/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/07/2012
Comments: Approved in email on 8/7/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/20/2012
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/15/2013
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/24/2013
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/06/2013
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/20/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/02/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

S105026402

Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/03/2013
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/30/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 05/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/29/2014
Comments: No additional comments from DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 04/21/2014
Comments: EKR will not be implemented by the facility at this time. No further EKR pilot study will be needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 09/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 05/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/04/2014
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

S105026402

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 09/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/19/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 04/07/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan Addendum
Completed Date: 04/16/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/10/2015
Comments: Geologic type section figures were submitted to comply with approval conditions of the EIMWP

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

S105026402

Completed Document Type: Monitoring Report
Completed Date: 09/14/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/23/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/25/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/24/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/14/2016
Comments: Conditional approval given to Well Installation/Pilot Study Workplan, dated November 1, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/20/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/19/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

S105026402

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/23/2016
Comments: 3rdQ2016 Status Report. Response provided in 4th Quarter Status Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/16/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/02/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/17/2017
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

S105026402

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 12/12/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/23/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/22/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 11/19/2012
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 05/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/16/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/15/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 08/14/2009
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMBEE PLATING (Continued)

S105026402

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

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: CALSI
Reg Id: 30340013

**U105
NW
1/2-1
0.834 mi.
4405 ft.**

**TRIUMPH PROCESSING - EMBEE DIVISION
2136 SOUTH HATHAWAY STREET
SANTA ANA, CA 92705**

**SEMS-ARCHIVE
CORRACTS
RCRA-LQG**

**1015732700
CAD009659541**

Site 2 of 2 in cluster U

**Relative:
Higher**

SEMS Archive:

**Actual:
68 ft.**

Site ID: 901239
EPA ID: CAD009659541
Cong District: 38
FIPS Code: 6059
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 9
Site ID: 901239
EPA ID: CAD009659541
Site Name: EMBEE PLATING
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1989-04-20 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 901239
EPA ID: CAD009659541
Site Name: EMBEE PLATING
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1989-04-20 00:00:00
Qual: N
Current Action Lead: St Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

Region: 9
Site ID: 901239
EPA ID: CAD009659541
Site Name: EMBEE PLATING
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1987-11-01 00:00:00
Finish Date: 1987-11-01 00:00:00
Qual: Not reported
Current Action Lead: St Perf

CORRACTS:

EPA ID: CAD009659541
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140902
Action: CA200 - RFI Approved
NAICS Code(s): 332813
Electroplating, Plating, Polishing, Anodizing, and Coloring
Original schedule date: 20140711
Schedule end date: Not reported

EPA ID: CAD009659541
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150310
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 332813
Electroplating, Plating, Polishing, Anodizing, and Coloring
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009659541
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150416
Action: CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s): 332813
Electroplating, Plating, Polishing, Anodizing, and Coloring
Original schedule date: 20150516
Schedule end date: Not reported

EPA ID: CAD009659541
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20131217
Action: CA190 - RFI Report Received
NAICS Code(s): 332813
Electroplating, Plating, Polishing, Anodizing, and Coloring
Original schedule date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

Schedule end date: Not reported

EPA ID: CAD009659541
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20170517
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 332813
Electroplating, Plating, Polishing, Anodizing, and Coloring

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009659541
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140224
Action: CA190 - RFI Report Received
NAICS Code(s): 332813
Electroplating, Plating, Polishing, Anodizing, and Coloring

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009659541
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150130
Action: CA160 - RFI Supplemental Information Received
NAICS Code(s): 332813
Electroplating, Plating, Polishing, Anodizing, and Coloring

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009659541
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140530
Action: CA200 - RFI Approved
NAICS Code(s): 332813
Electroplating, Plating, Polishing, Anodizing, and Coloring

Original schedule date: 20140629
Schedule end date: Not reported

RCRA-LQG:

Date form received by agency: 02/17/2016

Facility name: TRIUMPH PROCESSING - EMBEE DIVISION
Facility address: 2136 SOUTH HATHAWAY STREET
SANTA ANA, CA 92705

EPA ID: CAD009659541
Mailing address: SOUTH HATHAWAY STREET
SANTA ANA, CA 92705

Contact: REY J SANTOS
Contact address: SOUTH HATHAWAY STREET
SANTA ANA, CA 92705

Contact country: US
Contact telephone: 714-546-9842
Telephone ext.: 3501
Contact email: RJSANTOS@TRIUMPHGROUP.COM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: TRIUMPH GROUP - EMBEE DIVISION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/19/2012
Owner/Op end date: Not reported

Owner/operator name: TRIUMPH GROUP, INC.
Owner/operator address: SOUTH HATHAWAY STREET
SANTA ANA, CA 92705
Owner/operator country: US
Owner/operator telephone: 714-546-9842
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/19/2012
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Yes

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 171
. Waste name: Metal sludge (see 121)

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 451
. Waste name: Degreasing sludge

. Waste code: 461
. Waste name: Degreasing sludge

. Waste code: 491
. Waste name: Unspecified sludge waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 723
. Waste name: Liquids with chromium (VI) > 500 mg/l

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

- . Waste code: F009
- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Historical Generators:

Date form received by agency: 03/01/2014
Site name: TRIUMPH PROCESSING - EMBEE DIVISION
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D040
- . Waste name: TRICHLORETHYLENE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/26/2013

Site name: TRIUMPH PROCESSING EMBEE DIV INC

Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: 171
. Waste name: Metal sludge (see 121)

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 461
. Waste name: Degreasing sludge

. Waste code: 722
. Waste name: Liquids with cadmium > 100 mg/l

. Waste code: 723
. Waste name: Liquids with chromium (VI) > 500 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F009
- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F019
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Date form received by agency: 03/02/2012

Site name: EMBEE INC

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F009
- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F019
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
- . Waste code: P098
- . Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
- . Waste code: P106
- . Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
- Date form received by agency: 06/16/2010
- Site name: EMBEE INC
- Classification: Large Quantity Generator
- . Waste code: 121
- . Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
- . Waste code: 132
- . Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)
- . Waste code: 171
- . Waste name: Metal sludge (see 121)
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 221
- . Waste name: Waste oil and mixed oil
- . Waste code: 461
- . Waste name: Degreasing sludge
- . Waste code: 722
- . Waste name: Liquids with cadmium > 100 mg/l
- . Waste code: 723
- . Waste name: Liquids with chromium (VI) > 500 mg/l

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

- . Waste code: 726
- . Waste name: Liquids with nickel > 134 mg/l

- . Waste code: 792
- . Waste name: Liquids with pH < 2 with metals

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F009
- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F019
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

- . Waste code: P098
- . Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

- . Waste code: P106
- . Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Date form received by agency: 02/26/2008

Site name: EMBEE INC

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/01/2006

Site name: EMBEE INC.

Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: 171
. Waste name: Metal sludge (see 121)

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 461
. Waste name: Degreasing sludge

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

- . Waste code: 722
- . Waste name: Liquids with cadmium > 100 mg/l

- . Waste code: 723
- . Waste name: Liquids with chromium (VI) > 500 mg/l

- . Waste code: 726
- . Waste name: Liquids with nickel > 134 mg/l

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F019
. Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Date form received by agency: 02/02/2004

Site name: EMBEE INC.

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

MIXTURES.

- . Waste code: F005
 - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

 - . Waste code: F006
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

 - . Waste code: F007
 - . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

 - . Waste code: F008
 - . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

 - . Waste code: F009
 - . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

 - . Waste code: F019
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
- Date form received by agency: 02/01/2002
- Site name: EMBEE INC.
- Classification: Large Quantity Generator
-
- . Waste code: 121
- . Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
-
- . Waste code: 132
- . Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)
-
- . Waste code: 171
- . Waste name: Metal sludge (see 121)
-
- . Waste code: 181
- . Waste name: Other inorganic solid waste
-
- . Waste code: 221
- . Waste name: Waste oil and mixed oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

- . Waste code: 461
- . Waste name: Degreasing sludge

- . Waste code: 722
- . Waste name: Liquids with cadmium > 100 mg/l

- . Waste code: 723
- . Waste name: Liquids with chromium (VI) > 500 mg/l

- . Waste code: 726
- . Waste name: Liquids with nickel > 134 mg/l

- . Waste code: 792
- . Waste name: Liquids with pH < 2 with metals

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F009
- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F019
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Date form received by agency: 10/12/2000
Site name: EMBEE INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: EMBEE INC.
Classification: Large Quantity Generator

Date form received by agency: 11/08/1996
Site name: EMBEE INC
Classification: Large Quantity Generator

Date form received by agency: 04/18/1990
Site name: EMBEE INCORPORATED
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 26099

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs):	87505
Waste code:	D003
Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs):	40000
Waste code:	D004
Waste name:	ARSENIC
Amount (Lbs):	14296
Waste code:	D005
Waste name:	BARIUM
Amount (Lbs):	14296
Waste code:	D006
Waste name:	CADMIUM
Amount (Lbs):	262031
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	213931
Waste code:	D008
Waste name:	LEAD
Amount (Lbs):	152342
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Amount (Lbs):	26099
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	61803
Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 61803

Waste code: F006

Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Amount (Lbs): 291982

Waste code: F007

Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Amount (Lbs): 40000

Waste code: F009

Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Amount (Lbs): 40000

Corrective Action Summary:

Event date: 12/17/2013
Event: INVESTIGATION REPORT RECEIVED

Event date: 02/24/2014
Event: INVESTIGATION REPORT RECEIVED

Event date: 05/30/2014
Event: INVESTIGATION COMPLETE

Event date: 09/02/2014
Event: INVESTIGATION COMPLETE

Event date: 01/30/2015
Event: INVESTIGATION SUPPLEMENTAL INFORMATION RECEIVED

Event date: 03/10/2015
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Event date: 04/16/2015
Event: INVESTIGATION SUPPLEMENTAL INFO DEEMED SATISFACT

Event date: 05/17/2017
Event: INVESTIGATION IMPLEMENTATION BEGUN

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

Date violation determined: 06/30/2011
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/12/2009
Date achieved compliance: 08/12/2014
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/04/2003
Date achieved compliance: 11/04/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/04/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/18/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/20/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/10/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIUMPH PROCESSING - EMBEE DIVISION (Continued)

1015732700

Evaluation lead agency:	State
Evaluation date:	06/12/2012
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/30/2011
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/08/2010
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	08/12/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	08/12/2014
Evaluation lead agency:	EPA
Evaluation date:	06/23/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/17/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	05/24/2006
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	Local
Evaluation date:	06/03/2005
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee
Evaluation date:	11/04/2003
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	11/04/2003
Evaluation lead agency:	State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

V106 **SOUTHEAST SANTA ANA SITE DISCOVERY**
WNW **GENERALLY BOUNDED N BY E. EDINGER AVE, W BY BY S. FLOWER STR**
1/2-1 **SANTA ANA, CA 92701**

ENVIROSTOR **S118757243**
N/A

0.838 mi.
4425 ft.

Site 1 of 3 in cluster V

Relative:
Higher

ENVIROSTOR:

Actual:
60 ft.

Facility ID: 60001544
Status: No Action Required
Status Date: 02/24/2010
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 100
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Eileen Mananian
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 34
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.71470
Longitude: -117.8555
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, MANUFACTURING - METAL,
MANUFACTURING - OTHER, RECYCLING - OTHER, UNKNOWN, TRANSPORTATION -
WAREHOUSING

Potential COC: Perchlorate Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Perchlorate Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: OTH, SOIL, WELL
Alias Name: 60001544
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Discovery
Completed Date: 02/24/2010
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

107
West
1/2-1
0.839 mi.
4430 ft.

BP CHEMICALS FIBERS & MATERIAL
700 E DYER RD
SANTA ANA, CA 92705

ENVIROSTOR
LUST
SWEEPS UST
CA FID UST
EMI

S101588911
N/A

Relative:
Lower
Actual:
52 ft.

ENVIROSTOR:

Facility ID: 60000580
Status: Refer: RWQCB
Status Date: 08/03/2016
Site Code: 401732
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 3
NPL: NO
Regulatory Agencies: SMBRP, US EPA
Lead Agency: US EPA
Program Manager: Rafat Abbasi
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.7084
Longitude: -117.8588
APN: NONE SPECIFIED
Past Use: METAL PLATING - OTHER
Potential COC: Acetone Ethyl acetate Methyl ethyl ketone (2-Butanone Toluene
Confirmed COC: Toluene Acetone Ethyl acetate Methyl ethyl ketone (2-Butanone
Potential Description: SOIL
Alias Name: CAD046054664
Alias Type: EPA Identification Number
Alias Name: 401732
Alias Type: Project Code (Site Code)
Alias Name: 60000580
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 06/16/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/16/2007
Comments: EPA approved the Site Screening on 5/16/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 02/13/2009
Comments: Reassessment completed by DTSC and approved by EPA

Future Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP CHEMICALS FIBERS & MATERIAL (Continued)

S101588911

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

LUST:

Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900605
Global Id: T0605900605
Latitude: 33.7085231
Longitude: -117.8559844
Status: Completed - Case Closed
Status Date: 08/23/1996
Case Worker: NOM
RB Case Number: 083000765T
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: * Chlorinated Hydrocarbons
Site History: Not reported

LUST:

Global Id: T0605900605
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: T0605900605
Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: nolson-martin@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0605900605
Action Type: Other
Date: 12/16/1987
Action: Leak Discovery

Global Id: T0605900605
Action Type: ENFORCEMENT
Date: 08/13/1996
Action: State Water Board Closure Order

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP CHEMICALS FIBERS & MATERIAL (Continued)

S101588911

Global Id: T0605900605
Action Type: Other
Date: 01/07/1987
Action: Leak Reported

Global Id: T0605900605
Action Type: Other
Date: 12/16/1987
Action: Leak Stopped

LUST:

Global Id: T0605900605
Status: Open - Case Begin Date
Status Date: 01/07/1987

Global Id: T0605900605
Status: Open - Site Assessment
Status Date: 07/13/1989

Global Id: T0605900605
Status: Open - Verification Monitoring
Status Date: 04/09/1990

Global Id: T0605900605
Status: Completed - Case Closed
Status Date: 08/23/1996

SWEEPS UST:

Status: Active
Comp Number: 366
Number: 1
Board Of Equalization: Not reported
Referral Date: 11-23-92
Action Date: 11-23-92
Created Date: 02-26-92
Owner Tank Id: U0373
SWRCB Tank Id: 30-020-000366-000001
Tank Status: A
Capacity: 10000
Active Date: 11-23-92
Tank Use: CHEMICAL
STG: P
Content: CHEMICAL PRO
Number Of Tanks: 4

Status: Active
Comp Number: 366
Number: 1
Board Of Equalization: Not reported
Referral Date: 11-23-92
Action Date: 11-23-92
Created Date: 02-26-92
Owner Tank Id: U0372
SWRCB Tank Id: 30-020-000366-000002
Tank Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP CHEMICALS FIBERS & MATERIAL (Continued)

S101588911

Capacity: 10000
Active Date: 02-26-92
Tank Use: CHEMICAL
STG: P
Content: CHEMICAL PRO
Number Of Tanks: Not reported

Status: Active
Comp Number: 366
Number: 1
Board Of Equalization: Not reported
Referral Date: 11-23-92
Action Date: 11-23-92
Created Date: 02-26-92
Owner Tank Id: U0370
SWRCB Tank Id: 30-020-000366-000003
Tank Status: A
Capacity: 5000
Active Date: 02-26-92
Tank Use: CHEMICAL
STG: P
Content: CHEMICAL PRO
Number Of Tanks: Not reported

Status: Active
Comp Number: 366
Number: 1
Board Of Equalization: Not reported
Referral Date: 11-23-92
Action Date: 11-23-92
Created Date: 02-26-92
Owner Tank Id: U0371
SWRCB Tank Id: 30-020-000366-000004
Tank Status: A
Capacity: 5000
Active Date: 11-23-92
Tank Use: CHEMICAL
STG: P
Content: CHEMICAL PRO
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 30000065
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145491101
Mail To: Not reported
Mailing Address: 700 E DYER RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92705
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP CHEMICALS FIBERS & MATERIAL (Continued)

S101588911

Comments: Not reported
Status: Active

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 19212
Air District Name: SC
SIC Code: 3229
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: 416
Reactive Organic Gases Tons/Yr: 411
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

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 19212
Air District Name: SC
SIC Code: 3229
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: 116
Reactive Organic Gases Tons/Yr: 113
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 6
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1993
County Code: 30
Air Basin: SC
Facility ID: 19212
Air District Name: SC
SIC Code: 3229
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: 7
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1995
County Code: 30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP CHEMICALS FIBERS & MATERIAL (Continued)

S101588911

Air Basin: SC
Facility ID: 19212
Air District Name: SC
SIC Code: 3229
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: 7
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

V108 **TEXTRON FASTENING SYSTEMS SANTA ANA OPER**
WNW **1224 E WARNER AVE**
1/2-1 **SANTA ANA, CA 92707**
0.840 mi.
4433 ft. **Site 2 of 3 in cluster V**

Relative:
Lower

Actual:
59 ft.

ENVIROSTOR **S101619817**
AST **N/A**
SWEEPS UST
HIST UST
CA FID UST
EMI
HAZNET
NPDES
CIWQS

ENVIROSTOR:

Facility ID: 60001102
Status: Active
Status Date: 05/07/2009
Site Code: 400944
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 15.45
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 8 - Santa Ana, ORANGE COUNTY
Lead Agency: SMBRP
Program Manager: Chia Rin Yen
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.71584
Longitude: -117.8560
APN: 016-150-09
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE
Potential COC: Arsenic Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Mercury (elemental Methyl tertbutyl ether (MTBE Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Bromobenzene Bromoform (tribromomethane Bromomethane (Methyl bromide n-Butylbenzene sec-Butylbenzene tert-Butylbenzene Carbon tetrachloride Chlorobenzene Chloroethane Chloroform Chloromethane (methyl chloride o-Chlorotoluene Copper and compounds 1,4-Dibromobenzene Dibromochloromethane 1,2-Dibromo-3-chloropropane (DBCP 1,2-Dibromoethane (EDB 1,2-Dichlorobenzene 1,3-Dichlorobenzene

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Confirmed COC: 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane
1,2-Dichloroethane (EDC 1,1-Dichloroethylene 1,2-Dichloroethylene
(cis 1,2-Dichloroethylene (trans 1,2-Dichloropropane
1,3-Dichloropropane 1,3-Dichloropropene Ethylbenzene
Hexachlorobutadiene Methylene bromide Methylene chloride Methyl ethyl
ketone (2-Butanone Methyl isobutyl ketone n-Propylbenzene Styrene
Sulfuric Acid 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane
Toluene 1,2,4-Trichlorobenzene 1,1,2-Trichloroethane
Trichlorofluoromethane 1,1,2-Trichloropropane 1,2,3-Trichloropropane
1,2,3-Trichloropropene Xylenes Zinc
Arsenic Benzene 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane
Trichlorofluoromethane 1,2,3-Trichloropropane 1,2,3-Trichloropropene
Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Bromobenzene
Bromomethane (Methyl bromide sec-Butylbenzene tert-Butylbenzene
Chloromethane (methyl chloride Copper and compounds
1,4-Dibromobenzene Dibromochloromethane 1,2-Dibromoethane (EDB
1,2-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane (EDC
1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans
1,2-Dichloropropane 1,3-Dichloropropene n-Propylbenzene Ethylbenzene
Hexachlorobutadiene Methylene chloride Methyl isobutyl ketone Toluene
Carbon tetrachloride Chloroethane Methylene bromide Xylenes Zinc
Methyl ethyl ketone (2-Butanone Styrene 1,2,4-Trichlorobenzene
1,1,2-Trichloropropane 1,1,1,2-Tetrachloroethane o-Chlorotoluene
1,4-Dichlorobenzene Trichloroethylene (TCE Bromoform (tribromomethane
n-Butylbenzene Chloroform 1,2-Dibromo-3-chloropropane (DBCP
1,3-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethylene
1,3-Dichloropropane Chlorobenzene Sulfuric Acid Vinyl chloride Lead
Mercury (elemental Methyl tertbutyl ether (MTBE Total Chromium (1:6
ratio Cr VI:Cr III
Potential Description: AQUIC, SOIL, SV
Alias Name: SPS Technologies LLC
Alias Type: Alternate Name
Alias Name: Textron Aerospace Fasteners
Alias Type: Alternate Name
Alias Name: 016-150-09
Alias Type: APN
Alias Name: CAD008493603
Alias Type: EPA Identification Number
Alias Name: T10000008205
Alias Type: GeoTracker Global ID
Alias Name: 400944
Alias Type: Project Code (Site Code)
Alias Name: 60001102
Alias Type: Envirostor ID Number
Alias Name: 71002236
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/12/2017
Comments: Response will be included in the next quarterly report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 09/20/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 08/29/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/20/2016
Comments: No comments were provided.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/10/2017
Comments: No DTSC's comments were provided.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 02/24/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/19/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/12/2017
Comments: No comments were provided by DTSC.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/16/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2016
Comments: Annual Cost Estimate Letter, dated 9/21/16, sent to RP by email and regular mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2015
Comments: Annual Cost Estimate emailed and mailed to BP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/19/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/10/2016
Comments: Request to submit a SVE Pilot Study Work Plan at southwestern corner of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/12/2017
Comments: HARP to be used from 6/13/2017 to 6/12 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/12/2016
Comments: Letteres were overnight mailed to two property owners nut they are not uploaded due to conficential information in these letters..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/20/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/09/2017
Comments: This is a notification regarding SVE pilot study implementation schedule and a response to DTSC's 3/17/2017 letter regarding additional GW investigation at SW corner of the facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/08/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/14/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/29/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/18/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/18/2017
Comments: A copy of the final CSM Report was not submitted on September 29, 2017 as stated in the Progress Report No. 33. The second paragraph of first bullet on page 1 was a typographical error which was confirmed by Ravi Subramanian in an October 18, 2017 phone conversation with DTSC's PM.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/11/2018
Comments: No comments provided by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/22/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/16/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 04/09/2009
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/25/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 07/06/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 06/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/13/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/28/2016
Comments: Letters were sent on 7/28/2016 to two property owners. One of them was resent on 9/6/2016 because the owner was on vacation and the certified letter was not delivered. DTSC has not received any response from another owner yet. The letters to the property owners are not uploaded because the letter contain private/confidential information..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/11/2016
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Completed Document Type: RFI Workplan
Completed Date: 08/25/2016
Comments: DTSC issued workplan approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 04/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/13/2014
Comments: files were collected and prepared for the public review; review successfully took place 6/13/2014

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 11/19/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 03/29/2012
Comments: Cherry prefers to focus on onsite investigation first. Additional RFI for off-site investigation will be needed in future.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Completed Date: 01/10/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/21/2011
Comments: No changes were requested by DTSC to the draft document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 12/05/2011
Comments: DTSC had no significant comments on the draft document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 07/13/2012
Comments: Final approval 7/13/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/09/2012
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/31/2012
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/04/2012
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/31/2012
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/11/2013
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/14/2013
Comments: Completed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/14/2013
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/14/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/15/2013
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/28/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/27/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/06/2013
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/12/2013
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 02/19/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Completed Date: 05/05/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/07/2014
Comments: No comment from DTSC is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/06/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 06/05/2014
Comments: Conditional approval given on 6/5/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/27/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Work Plan
Completed Date: 11/08/2007
Comments: PM: John - Site Investigation Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/07/2014
Comments: No comments required from DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 06/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/04/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan Addendum
Completed Date: 09/12/2014
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/04/2015
Comments: Public comment period is scheduled to start on May 8, 2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/04/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 02/01/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/07/2014
Comments: Status report submitted and no comments from DTSC are needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/14/2014
Comments: DTSC's toxicologist provided oversight for the indoor air sampling set up on 10/14/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 12/17/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/04/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/26/2015
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Completed Document Type: RFI Report
Completed Date: 03/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 03/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 08/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/23/2015
Comments: GSU has no comments on the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/07/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/03/2015
Comments: No letter was sent to Cherry regarding the September 3, 2015 oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/15/2015
Comments: Conditional approval requesting re sampling of 3 soil probes and submittal of a workplan to determine the sources of release near PL-SG4-S.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 02/19/2016
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Completed Document Type: Monitoring Report
Completed Date: 02/26/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 05/02/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/07/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/03/2015
Comments: The data were incorporated into the February 20, 2015 Step Out Soil Gas Investigation Summary Report.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: CEQA - Notice of Exemption
Future Due Date: 2018
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: RFI Report
Future Due Date: 2018
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Notice
Future Due Date: 2018
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Interim Measures Workplan
Schedule Due Date: 06/28/2018
Schedule Revised Date: Not reported

AST:

Certified Unified Program Agencies: Not reported
Owner: PRECISION CASTPARTS CORP
Total Gallons: Not reported
CERSID: 10541653
Facility ID: FA0029025
Business Name: CHERRY AEROSPACE LLC
Phone: 714/545-5511
Fax: Not reported
Mailing Address: 1224 E WARNER AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Mailing Address City: SANTA ANA
Mailing Address State: CA
Mailing Address Zip Code: 92705
Operator Name: Cherry Aerospace
Operator Phone: 714/545-5511
Owner Phone: 5039464800
Owner Mail Address: 4650 SW Macadam Ave#400
Owner State: OR
Owner Zip Code: 97239
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: CAD008493603

Certified Unified Program Agencies: Orange
Owner: CHERRY AEROSPACE
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

SWEEPS UST:

Status: Not reported
Comp Number: 242
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000242-000001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 1

HIST UST:

File Number: 0002E6CC
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E6CC.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:

CA FID UST:

Facility ID: 30000310
Regulated By: UTNKA
Regulated ID: 00003287
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145455511
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92707
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:

Year: 1987
County Code: 30
Air Basin: SC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Facility ID: 4451
Air District Name: SC
SIC Code: 3452
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: 226
Reactive Organic Gases Tons/Yr: 91
Carbon Monoxide Emissions Tons/Yr: 38
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
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: 139
Reactive Organic Gases Tons/Yr: 63
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1993
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
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: 29
Reactive Organic Gases Tons/Yr: 18
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Total Organic Hydrocarbon Gases Tons/Yr: 29
Reactive Organic Gases Tons/Yr: 18
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
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: 26
Reactive Organic Gases Tons/Yr: 21
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
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: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
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: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
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: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
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: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2002
County Code: 30
Air Basin: SC
Facility ID: 4451

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Air District Name: SC
SIC Code: 3452
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: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2003
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
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: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2004
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.79069
Reactive Organic Gases Tons/Yr: 1.66
Carbon Monoxide Emissions Tons/Yr: 0.3745
NOX - Oxides of Nitrogen Tons/Yr: 2.7987
SOX - Oxides of Sulphur Tons/Yr: 0.00889
Particulate Matter Tons/Yr: 0.08027
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.07

Year: 2005
County Code: 30
Air Basin: SC
Facility ID: 4451
Air District Name: SC
SIC Code: 3452
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: 9.970265

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Reactive Organic Gases Tons/Yr: 9.7132257035
Carbon Monoxide Emissions Tons/Yr: .488
NOX - Oxides of Nitrogen Tons/Yr: 1.879
SOX - Oxides of Sulphur Tons/Yr: .00837
Particulate Matter Tons/Yr: .1047
Part. Matter 10 Micrometers and Smllr Tons/Yr.:1047

Year: 2006
County Code: 30
Air Basin: SC
Facility ID: 148925
Air District Name: SC
SIC Code: 3452
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: .7226275641808424969
Reactive Organic Gases Tons/Yr: .574
Carbon Monoxide Emissions Tons/Yr: .503
NOX - Oxides of Nitrogen Tons/Yr: 1.89
SOX - Oxides of Sulphur Tons/Yr: .009
Particulate Matter Tons/Yr: .113
Part. Matter 10 Micrometers and Smllr Tons/Yr.:1115

Year: 2007
County Code: 30
Air Basin: SC
Facility ID: 148925
Air District Name: SC
SIC Code: 3452
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: .7226275641808424969
Reactive Organic Gases Tons/Yr: .574
Carbon Monoxide Emissions Tons/Yr: .503
NOX - Oxides of Nitrogen Tons/Yr: 1.89
SOX - Oxides of Sulphur Tons/Yr: .009
Particulate Matter Tons/Yr: .113
Part. Matter 10 Micrometers and Smllr Tons/Yr.:1115

Year: 2011
County Code: 30
Air Basin: SC
Facility ID: 148925
Air District Name: SC
SIC Code: 3965
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: 0.88629967355
Reactive Organic Gases Tons/Yr: 0.58549
Carbon Monoxide Emissions Tons/Yr: 0.602
NOX - Oxides of Nitrogen Tons/Yr: 1.81747
SOX - Oxides of Sulphur Tons/Yr: 0.00824
Particulate Matter Tons/Yr: 0.38450151883
Part. Matter 10 Micrometers and Smllr Tons/Yr.:0.33400458858

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Year: 2012
County Code: 30
Air Basin: SC
Facility ID: 148925
Air District Name: SC
SIC Code: 9999
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: 0.89682983515
Reactive Organic Gases Tons/Yr: 0.60909
Carbon Monoxide Emissions Tons/Yr: 0.54613
NOX - Oxides of Nitrogen Tons/Yr: 1.63897
SOX - Oxides of Sulphur Tons/Yr: 0.00745
Particulate Matter Tons/Yr: 0.37468318
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.3244225042

Year: 2013
County Code: 30
Air Basin: SC
Facility ID: 148925
Air District Name: SC
SIC Code: 3131
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: 0.779515539
Reactive Organic Gases Tons/Yr: 0.49895
Carbon Monoxide Emissions Tons/Yr: 0.48348
NOX - Oxides of Nitrogen Tons/Yr: 1.4866
SOX - Oxides of Sulphur Tons/Yr: 0.00677
Particulate Matter Tons/Yr: 0.34829802
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.1563181238

Year: 2014
County Code: 30
Air Basin: SC
Facility ID: 148925
Air District Name: SC
SIC Code: 3452
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: 0.62638072955
Reactive Organic Gases Tons/Yr: 0.41002
Carbon Monoxide Emissions Tons/Yr: 0.50862
NOX - Oxides of Nitrogen Tons/Yr: 1.58946
SOX - Oxides of Sulphur Tons/Yr: 0.006435
Particulate Matter Tons/Yr: 0.52801
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.3911515

Year: 2015
County Code: 30
Air Basin: SC
Facility ID: 148925
Air District Name: SC
SIC Code: 3452

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

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: 0.8789887857
Reactive Organic Gases Tons/Yr: 0.64683674
Carbon Monoxide Emissions Tons/Yr: 0.49100225
NOX - Oxides of Nitrogen Tons/Yr: 1.54887537
SOX - Oxides of Sulphur Tons/Yr: 0.00622362
Particulate Matter Tons/Yr: 0.7998891943
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.66312234676

HAZNET:

envid: S101619817
Year: 2016
GEPAID: CAC002873404
Contact: SAM MCHALFFEY
Telephone: 7146429297
Mailing Name: Not reported
Mailing Address: 2701 S. HARBOR BLVD.
Mailing City,St,Zip: SANTA ANA, CA 92704
Gen County: Orange
TSD EPA ID: AZC950823111
TSD County: 99
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 3.22
Cat Decode: Asbestos containing waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Orange

NPDES:

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 8
Regulatory Measure Id: 208649
Order No: Not reported
Regulatory Measure Type: Industrial
Place Id: Not reported
WDID: 8 30I009102
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 05/09/2008
PROCESSED DATE: 11/07/1992
STATUS CODE NAME: Active
STATUS DATE: 11/07/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

PLACE SIZE:	15
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Rao Akkinapalli
FACILITY CONTACT TITLE:	Director EHS
FACILITY CONTACT PHONE:	714-850-6087
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	rakkinapalli@cherryaero.com
OPERATOR NAME:	Cherry Aerospace LLC
OPERATOR ADDRESS:	1224 E Warner Ave
OPERATOR CITY:	Santa Ana
OPERATOR STATE:	California
OPERATOR ZIP:	92705
OPERATOR CONTACT NAME:	Rao Akkinapalli
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	714-850-6087
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	rakkinapalli@cherryaero.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	714-545-5511
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERCIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Santa Ana Flood Control Channel
CERTIFIER NAME:	Ali Motamedi
CERTIFIER TITLE:	GM
CERTIFICATION DATE:	04-MAY-17
PRIMARY SIC:	3452-Bolts, Nuts, Screws, Rivets, and Washers
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

Regulatory Measure Id:	208649
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I009102
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/07/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Cherry Aerospace LLC
Discharge Address:	1224 E Warner Ave
Discharge City:	Santa Ana
Discharge State:	California
Discharge Zip:	92705
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON FASTENING SYSTEMS SANTA ANA OPER (Continued)

S101619817

CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: Not reported
RECEIVING WATER NAME: Not reported
CERTIFIER NAME: Not reported
CERTIFIER TITLE: Not reported
CERTIFICATION DATE: Not reported
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

CIWQS:

Agency: Cherry Aerospace LLC
Agency Address: 1224 E Warner Ave, Santa Ana, CA 92705
Place/Project Type: Industrial - Bolts, Nuts, Screws, Rivets, and Washers
SIC/NAICS: 3452
Region: 8
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 30I009102
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 11/07/1992
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 33.71594
Longitude: -117.85604

V109
WNW
1/2-1
0.840 mi.
4433 ft.

CHERRY AEROSPACE
1224 EAST WARNER AVE
SANTA ANA, CA 92705

Site 3 of 3 in cluster V

Relative:
Lower

Actual:
59 ft.

CORRACTS:

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160201
Action: CA200 - RFI Approved
NAICS Code(s): 332722

CORRACTS
RCRA-LQG
TRIS
ICIS
US AIRS
FINDS
ECHO
WDS

1000320024
92707CHRRY1224E

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20141202
Action: CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20141202
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160302
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160502
Action: CA200 - RFI Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150903
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20151003
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Actual Date: 20150504
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20150505
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20161004
Action: CA190 - RFI Report Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20160929
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140605
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20140705
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160706
Action: CA200 - RFI Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140310
Action: CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20140331
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140310
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20140331
Schedule end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160510
Action: CA190 - RFI Report Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140214
Action: CA110 - RFI Workplan Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20141014
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20141021
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160216
Action: CA190 - RFI Report Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160516
Action: CA190 - RFI Report Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20141217
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140219
Action: CA600T - Stabilization Measures Implemented, Other activity
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160219
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing

Original schedule date: 20160320
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150820
Action: CA200 - RFI Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing

Original schedule date: 20150919
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160920
Action: CA200 - RFI Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20151222
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing

Original schedule date: 20160123
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20151222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Action: CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20160123
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160722
Action: CA110 - RFI Workplan Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20160718
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20141223
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150223
Action: CA190 - RFI Report Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150723
Action: CA190 - RFI Report Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20150731
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20151023
Action: CA190 - RFI Report Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20151216
Schedule end date: Not reported

EPA ID: CAD008493603

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20151124
Action: CA110 - RFI Workplan Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160825
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20160914
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150326
Action: CA200 - RFI Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20150408
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160727
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20160821
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160727
Action: CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20160821
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160728
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Original schedule date: 20160827

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160628
Action: CA200 - RFI Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20170829
Action: CA200 - RFI Approved
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing

Original schedule date: 20170902
Schedule end date: Not reported

EPA ID: CAD008493603
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20160830
Action: CA190 - RFI Report Received
NAICS Code(s): 332722
Bolt, Nut, Screw, Rivet, and Washer Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

RCRA-LQG:

Date form received by agency: 02/11/2016

Facility name: CHERRY AEROSPACE
Facility address: 1224 EAST WARNER AVE
SANTA ANA, CA 92705

EPA ID: CAD008493603
Mailing address: EAST WARNER AVE
SANTA ANA, CA 92705

Contact: RAO AKKINEPALLI
Contact address: EAST WARNER AVE
SANTA ANA, CA 92705

Contact country: US
Contact telephone: 714-850-6087
Contact email: RAKKINEPALLI@CHERRYAERO.COM

EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

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

Owner/Operator Summary:

Owner/operator name: PRECISION CASTPARTS CORP
Owner/operator address: SW MACADAM AVE #400
PORTLAND, OR 97239
Owner/operator country: US
Owner/operator telephone: 503-946-4800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/27/2007
Owner/Op end date: Not reported

Owner/operator name: CHERRY AEROSPACE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/27/2007
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

- . Waste name: REACTIVE WASTE
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Historical Generators:

Date form received by agency: 03/01/2014

Site name: CHERRY AEROSPACE

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/27/2012

Site name: CHERRY AEROSPACE

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/26/2010

Site name: CHERRY AEROSPACE

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

- . Waste code: D003
 - . Waste name: REACTIVE WASTE

 - . Waste code: D006
 - . Waste name: CADMIUM

 - . Waste code: D007
 - . Waste name: CHROMIUM

 - . Waste code: F006
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

 - . Waste code: F007
 - . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
- Date form received by agency: 02/12/2008
Site name: CHERRY AEROSPACE
Classification: Large Quantity Generator
- . Waste code: D001
 - . Waste name: IGNITABLE WASTE

 - . Waste code: D002
 - . Waste name: CORROSIVE WASTE

 - . Waste code: D003
 - . Waste name: REACTIVE WASTE

 - . Waste code: D006
 - . Waste name: CADMIUM

 - . Waste code: D007
 - . Waste name: CHROMIUM

 - . Waste code: F006
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

 - . Waste code: F007
 - . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Date form received by agency: 05/16/2007
Site name: CHERRY AEROSPACE
Classification: Large Quantity Generator

- . Waste code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

- . Waste name: IGNITABLE WASTE
 - . Waste code: D002
 - . Waste name: CORROSIVE WASTE
 - . Waste code: D003
 - . Waste name: REACTIVE WASTE
 - . Waste code: D006
 - . Waste name: CADMIUM
 - . Waste code: D007
 - . Waste name: CHROMIUM
 - . Waste code: F005
 - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
 - . Waste code: F006
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
- Date form received by agency: 10/04/2006
- Site name: CHERRY AEROSPACE LLC
- Classification: Large Quantity Generator
- . Waste code: D001
 - . Waste name: IGNITABLE WASTE
 - . Waste code: D002
 - . Waste name: CORROSIVE WASTE
 - . Waste code: D003
 - . Waste name: REACTIVE WASTE
 - . Waste code: D006
 - . Waste name: CADMIUM
 - . Waste code: D007
 - . Waste name: CHROMIUM
 - . Waste code: F005
 - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/27/2006

Site name: TEXTRON FASTENING SYSTEMS SANTA ANA

Classification: Large Quantity Generator

- . Waste code: 131
- . Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

- . Waste code: 133
- . Waste name: Aqueous solution with 10% or more total organic residues

- . Waste code: 171
- . Waste name: Metal sludge (see 121)

- . Waste code: 181
- . Waste name: Other inorganic solid waste

- . Waste code: 221
- . Waste name: Waste oil and mixed oil

- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture

- . Waste code: 352
- . Waste name: Other organic solids

- . Waste code: 722
- . Waste name: Liquids with cadmium > 100 mg/l

- . Waste code: 727
- . Waste name: Liquids with selenium > 100 mg/l

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

- . Waste code: D006
 - . Waste name: CADMIUM

 - . Waste code: D007
 - . Waste name: CHROMIUM

 - . Waste code: F005
 - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

 - . Waste code: F006
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
- Date form received by agency: 02/24/2004
- Site name: TEXTRON AEROSPACE FASTENERS
- Classification: Large Quantity Generator
- . Waste code: D001
 - . Waste name: IGNITABLE WASTE

 - . Waste code: D002
 - . Waste name: CORROSIVE WASTE

 - . Waste code: D003
 - . Waste name: REACTIVE WASTE

 - . Waste code: D006
 - . Waste name: CADMIUM

 - . Waste code: D007
 - . Waste name: CHROMIUM

 - . Waste code: F005
 - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

 - . Waste code: F006
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/28/2002

Site name: TEXTRON AEROSPACE FASTENERS

Classification: Large Quantity Generator

Date form received by agency: 10/12/2000

Site name: TEXTRON AEROSPACE FASTENERS

Classification: Large Quantity Generator

Date form received by agency: 03/04/1999

Site name: CHERRY TEXTRON

Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Site name: TOWNSEND/TEXTRON-CHERRY FASTENERS DIV

Classification: Large Quantity Generator

Date form received by agency: 03/01/1996

Site name: CHERRY TEXTRON

Classification: Large Quantity Generator

Date form received by agency: 03/30/1994

Site name: CHERRY TEXTRON

Classification: Large Quantity Generator

Date form received by agency: 02/28/1992

Site name: CHERRY TEXTRON

Classification: Large Quantity Generator

Date form received by agency: 05/16/1990

Site name: TOWNSEND/TEXTRON-CHERRY FASTENERS

Classification: Large Quantity Generator

Date form received by agency: 08/15/1980

Site name: TOWNSEND/TEXTRON-CHERRY FASTENERS DIV

Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 11566

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 79027

Waste code: D003

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 7887

Waste code: D006

Waste name: CADMIUM

Amount (Lbs): 173911

Waste code: D007

Waste name: CHROMIUM

Amount (Lbs): 115837

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 1809

Waste code: F006

Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Amount (Lbs): 47580

Corrective Action Summary:

Event date: 02/14/2014

Event: INVESTIGATION WORKPLAN RECEIVED

Event date: 02/19/2014

Event: STABILIZATION/INTERIM MEASURES DECISION-OTHER

Event date: 03/10/2014

Event: INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY

Event date: 03/10/2014

Event: INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Event date:	06/05/2014
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	10/14/2014
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	12/02/2014
Event:	INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY
Event date:	12/02/2014
Event:	INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
Event date:	12/17/2014
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	12/23/2014
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	02/23/2015
Event:	INVESTIGATION REPORT RECEIVED
Event date:	03/26/2015
Event:	INVESTIGATION COMPLETE
Event date:	05/04/2015
Event:	DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY
Event date:	07/23/2015
Event:	INVESTIGATION REPORT RECEIVED
Event date:	08/20/2015
Event:	INVESTIGATION COMPLETE
Event date:	09/03/2015
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	10/23/2015
Event:	INVESTIGATION REPORT RECEIVED
Event date:	11/24/2015
Event:	INVESTIGATION WORKPLAN RECEIVED
Event date:	12/22/2015
Event:	INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY
Event date:	12/22/2015
Event:	INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
Event date:	02/01/2016
Event:	INVESTIGATION COMPLETE
Event date:	02/16/2016
Event:	INVESTIGATION REPORT RECEIVED
Event date:	02/19/2016
Event:	INVESTIGATION WORKPLAN APPROVED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Event date:	03/02/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	05/02/2016
Event:	INVESTIGATION COMPLETE
Event date:	05/10/2016
Event:	INVESTIGATION REPORT RECEIVED
Event date:	05/16/2016
Event:	INVESTIGATION REPORT RECEIVED
Event date:	06/28/2016
Event:	INVESTIGATION COMPLETE
Event date:	07/06/2016
Event:	INVESTIGATION COMPLETE
Event date:	07/22/2016
Event:	INVESTIGATION WORKPLAN RECEIVED
Event date:	07/27/2016
Event:	INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY
Event date:	07/27/2016
Event:	INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
Event date:	07/28/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	08/25/2016
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	08/30/2016
Event:	INVESTIGATION REPORT RECEIVED
Event date:	09/20/2016
Event:	INVESTIGATION COMPLETE
Event date:	10/04/2016
Event:	INVESTIGATION REPORT RECEIVED
Event date:	08/29/2017
Event:	INVESTIGATION COMPLETE

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - Pre-transport
Date violation determined:	08/09/2017
Date achieved compliance:	Not reported
Violation lead agency:	State
Enforcement action:	Not reported
Enforcement action date:	Not reported
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	Not reported
Proposed penalty amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/28/2011
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 02/11/1991
Date achieved compliance: 02/24/1993
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 02/11/1991
Date achieved compliance: 02/24/1993
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/09/2017
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/04/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Evaluation date: 05/14/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/08/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/09/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/29/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/14/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/28/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/05/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/29/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Evaluation date: 06/15/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/06/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/29/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/28/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/27/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/11/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/24/1993
Evaluation lead agency: EPA

Evaluation date: 02/11/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/24/1993
Evaluation lead agency: EPA

TRIS:

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

ICIS:

Enforcement Action ID: CASCAA0000060590041500050
FRS ID: 110010061716
Action Name: TEXTRON AEROSPACE FASTENERS 060590041500050
Facility Name: TEXTRON AEROSPACE FASTENERS
Facility Address: 1224 E WARNER AVE
SANTA ANA, CA 92707
Enforcement Action Type: Administrative Order

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3452
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.716319
Longitude in Decimal Degrees: -117.856054
Permit Type Desc: Not reported
Program System Acronym: CASCA0000605900415
Facility NAICS Code: 332722
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060590041500049
FRS ID: 110010061716
Action Name: TEXTRON AEROSPACE FASTENERS 060590041500049
Facility Name: TEXTRON AEROSPACE FASTENERS
Facility Address: 1224 E WARNER AVE
SANTA ANA, CA 92707

Enforcement Action Type: Notice of Violation
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3452
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.716319
Longitude in Decimal Degrees: -117.856054
Permit Type Desc: Not reported
Program System Acronym: CASCA0000605900415
Facility NAICS Code: 332722
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060590041500043
FRS ID: 110010061716
Action Name: TEXTRON AEROSPACE FASTENERS 060590041500043
Facility Name: TEXTRON AEROSPACE FASTENERS
Facility Address: 1224 E WARNER AVE
SANTA ANA, CA 92707

Enforcement Action Type: Administrative Order
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3452
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.716319
Longitude in Decimal Degrees: -117.856054
Permit Type Desc: Not reported
Program System Acronym: CASCA0000605900415
Facility NAICS Code: 332722
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060590041500040
FRS ID: 110010061716
Action Name: TEXTRON AEROSPACE FASTENERS 060590041500040
Facility Name: TEXTRON AEROSPACE FASTENERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Facility Address: 1224 E WARNER AVE
SANTA ANA, CA 92707

Enforcement Action Type: Administrative Order
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3452
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.716319
Longitude in Decimal Degrees: -117.856054
Permit Type Desc: Not reported
Program System Acronym: CASCA0000605900415
Facility NAICS Code: 332722
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060590041500038
FRS ID: 110010061716
Action Name: TEXTRON AEROSPACE FASTENERS 060590041500038
Facility Name: TEXTRON AEROSPACE FASTENERS
Facility Address: 1224 E WARNER AVE
SANTA ANA, CA 92707

Enforcement Action Type: Notice of Violation
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3452
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.716319
Longitude in Decimal Degrees: -117.856054
Permit Type Desc: Not reported
Program System Acronym: CASCA0000605900415
Facility NAICS Code: 332722
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060590041500032
FRS ID: 110010061716
Action Name: TEXTRON AEROSPACE FASTENERS 060590041500032
Facility Name: TEXTRON AEROSPACE FASTENERS
Facility Address: 1224 E WARNER AVE
SANTA ANA, CA 92707

Enforcement Action Type: Administrative Order
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3452
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.716319
Longitude in Decimal Degrees: -117.856054
Permit Type Desc: Not reported
Program System Acronym: CASCA0000605900415
Facility NAICS Code: 332722
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060590041500031

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

FRS ID: 110010061716
Action Name: TEXTRON AEROSPACE FASTENERS 060590041500031
Facility Name: TEXTRON AEROSPACE FASTENERS
Facility Address: 1224 E WARNER AVE
SANTA ANA, CA 92707
Enforcement Action Type: Notice of Violation
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3452
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.716319
Longitude in Decimal Degrees: -117.856054
Permit Type Desc: Not reported
Program System Acronym: CASCA00000605900415
Facility NAICS Code: 332722
Tribal Land Code: Not reported
Enforcement Action ID: CASCAA0000060590041500028
FRS ID: 110010061716
Action Name: TEXTRON AEROSPACE FASTENERS 060590041500028
Facility Name: TEXTRON AEROSPACE FASTENERS
Facility Address: 1224 E WARNER AVE
SANTA ANA, CA 92707
Enforcement Action Type: Administrative Order
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3452
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.716319
Longitude in Decimal Degrees: -117.856054
Permit Type Desc: Not reported
Program System Acronym: CASCA00000605900415
Facility NAICS Code: 332722
Tribal Land Code: Not reported
Enforcement Action ID: CASCAA0000060590041500027
FRS ID: 110010061716
Action Name: TEXTRON AEROSPACE FASTENERS 060590041500027
Facility Name: TEXTRON AEROSPACE FASTENERS
Facility Address: 1224 E WARNER AVE
SANTA ANA, CA 92707
Enforcement Action Type: Notice of Violation
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3452
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.716319
Longitude in Decimal Degrees: -117.856054
Permit Type Desc: Not reported
Program System Acronym: CASCA00000605900415
Facility NAICS Code: 332722

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Tribal Land Code: Not reported

US AIRS MINOR:

Envid: 1000320024
Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
D and B Number: Not reported
Primary SIC Code: 3452
NAICS Code: 332722
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2002-04-09 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-06-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-05-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-12-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-12-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-01-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-01-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-12-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-11-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-10-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-05-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-06-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-03-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-03-29 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-04-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-08-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-07-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-09-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-08-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-02-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-02-04 00:00:00
Activity Status Date: 2003-02-04 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-12-26 00:00:00
Activity Status Date: 2001-12-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2002-02-19 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2002-07-16 00:00:00
Activity Group: Case File
Activity Type: Case File

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2003-03-12 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2003-11-12 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1998-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1999-10-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2000-12-13 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900415
Facility Registry ID:	110010061716
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	Title V Permits
Activity Date:	2002-05-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900415
Facility Registry ID:	110010061716
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	Title V Permits
Activity Date:	2002-09-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900415
Facility Registry ID:	110010061716
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	Title V Permits
Activity Date:	2002-09-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900415
Facility Registry ID:	110010061716
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	Title V Permits
Activity Date:	2003-02-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA0000605900415
Facility Registry ID:	110010061716
Air Operating Status Code:	OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-08-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-08-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-09-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-02-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2001-06-05 00:00:00
Activity Status Date: 2001-06-05 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-01-31 00:00:00
Activity Status Date: 2002-01-31 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-12-19 00:00:00
Activity Status Date: 2002-12-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-04-10 00:00:00
Activity Status Date: 2003-04-10 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2001-04-25 00:00:00
Activity Status Date: 2001-04-25 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2001-06-22 00:00:00
Activity Status Date: 2001-06-22 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-01-08 00:00:00
Activity Status Date: 2003-01-08 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

US AIRS MINOR:

Envid: 1000320024
Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
D and B Number: Not reported
Primary SIC Code: 3452
NAICS Code: 332722
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2002-04-09 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-06-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-05-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-12-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-12-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-01-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-01-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-12-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-11-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-10-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-05-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-06-19 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-03-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-03-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-04-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-08-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-07-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-09-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-08-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-02-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-02-04 00:00:00
Activity Status Date: 2003-02-04 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status:	Final Order Issued
Region Code:	09
Programmatic ID:	AIR CASCA0000605900415
Facility Registry ID:	110010061716
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2001-12-26 00:00:00
Activity Status Date:	2001-12-26 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASCA0000605900415
Facility Registry ID:	110010061716
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2002-02-19 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	09
Programmatic ID:	AIR CASCA0000605900415
Facility Registry ID:	110010061716
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2002-07-16 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	09
Programmatic ID:	AIR CASCA0000605900415
Facility Registry ID:	110010061716
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2003-03-12 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	09
Programmatic ID:	AIR CASCA0000605900415
Facility Registry ID:	110010061716
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	Title V Permits
Activity Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status Date: 2003-11-12 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1998-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1999-10-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2000-12-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-09-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-08-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-08-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-09-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-02-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2001-06-05 00:00:00
Activity Status Date: 2001-06-05 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-01-31 00:00:00
Activity Status Date: 2002-01-31 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-12-19 00:00:00
Activity Status Date: 2002-12-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-04-10 00:00:00
Activity Status Date: 2003-04-10 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2001-04-25 00:00:00
Activity Status Date: 2001-04-25 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2001-06-22 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Activity Status Date: 2001-06-22 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000605900415
Facility Registry ID: 110010061716
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-01-08 00:00:00
Activity Status Date: 2003-01-08 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:

Registry ID: 110010061716

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR EMISSIONS CLASSIFICATION UNKNOWN

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

HAZARDOUS AIR POLLUTANT MAJOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

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.

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

AIR MINOR

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

ECHO:

Envid: 1000320024
Registry ID: 110010061716
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110010061716>

WDS:

Facility ID: Santa Ana River 30I009102
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: 7145455511
Facility Contact: AHMED DEHBOZORGI
Agency Name: TEXTRON AEROSPACE FASTENERS
Agency Address: 1224 E WARNER AVE
Agency City,St,Zip: SANTA ANA 927070157
Agency Contact: AHMED DEHBOZORGI
Agency Telephone: 7148506114
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHERRY AEROSPACE (Continued)

1000320024

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

110
ESE
1/2-1
0.840 mi.
4436 ft.

MCAS SANTA ANA

**ENVIROSTOR S109548333
N/A**

SANTA ANA, CA

Relative:
Lower
Actual:
53 ft.

ENVIROSTOR:
Facility ID: 80000547
Status: Inactive - Action Required
Status Date: 09/29/2017
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Eileen Mananian
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.70555
Longitude: -117.825
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: Marine Corps Air Station, Santa Ana
Alias Type: Alternate Name
Alias Name: CA99799F599000
Alias Type: Federal Facility ID
Alias Name: J09CA1102
Alias Type: INPR
Alias Name: 80000547
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCAS SANTA ANA (Continued)

S109548333

Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Site Screening
Future Due Date: 2018
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

111
East
1/2-1
0.872 mi.
4604 ft.

**CARETAKER SITE OFFICE
USMC AIR STATION (HELICOPTER)
TUSTIN, CA 92710**

**ENVIROSTOR
FINDS
ICE
HWP**

**1008152920
N/A**

**Relative:
Lower
Actual:
57 ft.**

ENVIROSTOR:
Facility ID: 80001281
Status: Refer: SMBRP
Status Date: 01/01/2008
Site Code: 400091
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: MBR
Program Manager: Not reported
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.70867
Longitude: -117.8231
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA9170090022
Alias Type: EPA Identification Number
Alias Name: 110018968287
Alias Type: EPA (FRS #)
Alias Name: 400091
Alias Type: Project Code (Site Code)
Alias Name: 80001281
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARETAKER SITE OFFICE (Continued)

1008152920

Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 03/09/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 03/09/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 07/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed
Completed Date: 09/20/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 02/13/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 09/02/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1986
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 05/31/1985
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 01/01/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 05/31/1985

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARETAKER SITE OFFICE (Continued)

1008152920

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 09/08/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 04/30/1997
Comments: Confirmed per RFA binder

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

FINDS:

Registry ID: 110018968287

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with 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.

ICE:

Envirostor ID: 3001749
EPA ID: CA9170090022
Site Type: INSPECTION
Facility Status: No Action

Inspection:

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 01/26/1999
Violation Class: Minor
RTC Date: 03/03/1999

HWP:

EPA Id: CA9170090022
Cleanup Status: CLOSED
Latitude: 33.70867
Longitude: -117.8231

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARETAKER SITE OFFICE (Continued)

1008152920

Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: 400091
Assembly District: 68
Senate District: 37
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, CONTAIN2 (GPRA Unit), CONTAIN3 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 07/18/1985

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, CONTAIN2 (GPRA Unit), CONTAIN3 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 07/18/1990

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 02/28/1983

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 12/03/1992

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 07/21/1992

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, CONTAIN2 (GPRA Unit), CONTAIN3 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 07/18/1985

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, CONTAIN2 (GPRA Unit), CONTAIN3 (GPRA Unit)
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 02/28/1983

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 09/21/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARETAKER SITE OFFICE (Continued)

1008152920

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 07/13/1990

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, CONTAIN2 (GPRA Unit), CONTAIN3 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 05/21/1983

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 07/18/1985

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 07/18/1985

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 07/18/1990

Closure:

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN2 (GPRA Unit), CONTAIN3 (GPRA Unit)
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 10/13/1995

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 04/18/1996

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN2 (GPRA Unit), CONTAIN3 (GPRA Unit)
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 10/27/1999

Alias:

EPA Id: CA9170090022
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110018968287

EPA Id: CA9170090022

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARETAKER SITE OFFICE (Continued)

1008152920

Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 400091

112
SSE
1/2-1
0.879 mi.
4639 ft.

SALLY BEAUTY SUPPLIES
16585 VON KARMAN AVE # 20-20E
IRVINE, CA 92606

ENVIROSTOR
Orange Co. Industrial Site
HAZNET

S106797625
N/A

Relative:
Lower

Actual:
42 ft.

ENVIROSTOR:
Facility ID: 30720006
Status: Refer: 1248 Local Agency
Status Date: 02/09/2004
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: 70
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 33.69748
Longitude: -117.8354
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30720006
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALLY BEAUTY SUPPLIES (Continued)

S106797625

Orange Co. Industrial Site:

Case ID: 04IC002
Record ID: RO0003278
Current Status: CLOSED 7/22/2004
Closure Type: Closure certification issued
Released Chemical: PERCHLOROETHYLENE; TRICHLOROETHYLENE

HAZNET:

envid: S106797625
Year: 2016
GEPAID: CAL000412082
Contact: DAVID EPSTEIN
Telephone: 8566928100
Mailing Name: Not reported
Mailing Address: 17574 COLIMA RD
Mailing City,St,Zip: ROWLAND HEIGHTS, CA 91748
Gen County: Orange
TSD EPA ID: MXC130619001
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Solvents Recovery
Tons: 0.0655
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Solvents Recovery
Facility County: Orange

envid: S106797625
Year: 2016
GEPAID: CAL000412082
Contact: DAVID EPSTEIN
Telephone: 8566928100
Mailing Name: Not reported
Mailing Address: 17574 COLIMA RD
Mailing City,St,Zip: ROWLAND HEIGHTS, CA 91748
Gen County: Orange
TSD EPA ID: MXC130619001
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Tons: 0.075
Cat Decode: Other organic solids
Method Decode: Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Facility County: Orange

envid: S106797625
Year: 2016
GEPAID: CAL000412082
Contact: DAVID EPSTEIN
Telephone: 8566928100
Mailing Name: Not reported
Mailing Address: 17574 COLIMA RD
Mailing City,St,Zip: ROWLAND HEIGHTS, CA 91748
Gen County: Orange
TSD EPA ID: MXC130619001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALLY BEAUTY SUPPLIES (Continued)

S106797625

TSD County: Not reported
Waste Category: Detergent waste chemicals
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.0525
Cat Decode: Detergent waste chemicals
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Facility County: Orange

envid: S106797625
Year: 2016
GEPAID: CAL000412082
Contact: DAVID EPSTEIN
Telephone: 8566928100
Mailing Name: Not reported
Mailing Address: 17574 COLIMA RD
Mailing City,St,Zip: ROWLAND HEIGHTS, CA 91748
Gen County: Orange
TSD EPA ID: MXC130619001
TSD County: Not reported
Waste Category: Detergent waste chemicals
Disposal Method: Settling Or Clarification
Tons: 0.0605
Cat Decode: Detergent waste chemicals
Method Decode: Settling Or Clarification
Facility County: Orange

113
WNW
1/2-1
0.884 mi.
4666 ft.

TEXTRON AEROSPACE FASTENERS
1224 E. WARNER AVENUE
SANTA ANA, CA 92707

ENVIROSTOR S118757400
N/A

Relative:
Higher
Actual:
61 ft.

ENVIROSTOR:
Facility ID: 71002236
Status: No Action Required
Status Date: 03/08/1999
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 71
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71544
Longitude: -117.8560
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXTRON AEROSPACE FASTENERS (Continued)

S118757400

Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008493603
Alias Type: EPA Identification Number
Alias Name: 60001102
Alias Type: Envirostor ID Number
Alias Name: 71002236
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: NFI Inspection
Completed Date: 04/27/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 06/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/08/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/08/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/27/2004
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

114
WNW
1/2-1
0.894 mi.
4721 ft.

DICEON ELECTRONICS
2215 S. STANDARD AVE
SANTA ANA, CA 92707

ENVIROSTOR
VCP

S120714317
N/A

Relative:
Higher

Actual:
63 ft.

ENVIROSTOR:

Facility ID: 60001271
Status: Active
Status Date: 04/17/2017
Site Code: 401524
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Chia Rin Yen
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 69
Senate: 34
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.71722
Longitude: -117.8562
APN: 016-120-18, 016-120-19
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 016-120-18
Alias Type: APN
Alias Name: 016-120-19
Alias Type: APN
Alias Name: 401524
Alias Type: Project Code (Site Code)
Alias Name: 60001271
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 01/12/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/24/2017
Comments: VCA HSA-FY 16/17-065 fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/13/2017
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DICEON ELECTRONICS (Continued)

S120714317

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/05/2017
Comments: Letter to Diceon, re.: groundwater monitoring, offsite investigation and SVE test

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 07/31/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/26/2017
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: Remedial Investigation Report
Schedule Due Date: 05/14/2018
Schedule Revised Date: 08/12/2018

VCP:

Facility ID: 60001271
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DICEON ELECTRONICS (Continued)

S120714317

Site Mgmt. Req.: NONE SPECIFIED
Acres: 0
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Chia Rin Yen
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 401524
Assembly: 69
Senate: 34
Special Programs Code: Voluntary Cleanup Program
Status: Active
Status Date: 04/17/2017
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 33.71722 / -117.8562
APN: 016-120-18, 016-120-19
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 016-120-18
Alias Type: APN
Alias Name: 016-120-19
Alias Type: APN
Alias Name: 401524
Alias Type: Project Code (Site Code)
Alias Name: 60001271
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 01/12/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/24/2017
Comments: VCA HSA-FY 16/17-065 fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/05/2017
Comments: Letter to Diceon, re.: groundwater monitoring, offsite investigation and SVE test

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DICEON ELECTRONICS (Continued)

S120714317

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 07/31/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/26/2017
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: Remedial Investigation Report
Schedule Due Date: 05/14/2018
Schedule Revised Date: 08/12/2018

W115 GALLADE CHEMICAL INC
WNW 1230 E SAINT GERTRUDE PL
1/2-1 SANTA ANA, CA 92707

0.928 mi.
4900 ft.

Relative:
Higher

Actual:
66 ft.

Site 1 of 5 in cluster W

AST:
Certified Unified Program Agencies: Not reported
Owner: Richard A. Gallade

AST 1000315095
SWEEPS UST N/A
HIST UST
CA FID UST
HWP
NPDES
WDS
CIWQS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC (Continued)

1000315095

Total Gallons: Not reported
CERSID: 10518181
Facility ID: FA0027872
Business Name: GALLADE CHEMICAL INC
Phone: 714-546-9901
Fax: 714-546-2501
Mailing Address: 1230 East Saint Gertrude Place
Mailing Address City: Santa Ana
Mailing Address State: CA
Mailing Address Zip Code: 92707
Operator Name: Richard A. Gallade
Operator Phone: 714-546-9901
Owner Phone: 7145469901
Owner Mail Address: rick@galladechem.com
Owner State: CA
Owner Zip Code: 92707
Owner Country: United States
Property Owner Name: Richard A. Gallade
Property Owner Phone: 7145469901
Property Owner Mailing Address: 1230 East Saint Gertrude Place
Property Owner City: Santa Ana
Property Owner Stat : CA
Property Owner Zip Code: 92707
Property Owner Country: United States
EPAID: CAD02936876

SWEEPS UST:

Status: Active
Comp Number: 35827
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 07-31-88
Owner Tank Id: 1
SWRCB Tank Id: 30-020-035827-000001
Tank Status: A
Capacity: 2000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

HIST UST:

File Number: 0002E93A
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E93A.pdf>
Region: STATE
Facility ID: 00000035827
Facility Type: Other
Other Type: CHEMICAL DISTRIBUTOR
Contact Name: Not reported
Telephone: 7145469901
Owner Name: GALLADE CHEMICAL INCORPORATED
Owner Address: 1230 EAST SAINT GERTRUDE PLACE
Owner City,St,Zip: SANTA ANA, CA 92707

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC (Continued)

1000315095

Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1974
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

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

CA FID UST:

Facility ID: 30017110
Regulated By: UTNKA
Regulated ID: 00035827
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145469901
Mail To: Not reported
Mailing Address: 1230 E SAINT GERTRUDE PL
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92707
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HWP:

EPA Id: CAD029363876
Cleanup Status: CLOSED
Latitude: 33.72000
Longitude: -117.8557
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: 400236
Assembly District: 69
Senate District: 34
Public Information Officer: Not reported
Public Information Officer: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC (Continued)

1000315095

Activities:

EPA Id: CAD029363876
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 05/28/1991

EPA Id: CAD029363876
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 03/11/1983

EPA Id: CAD029363876
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 04/25/1986

EPA Id: CAD029363876
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

Closure:

EPA Id: CAD029363876
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Post-Closure Order in Lieu of Permit - POST-CLOSURE PLAN APPROVED
Actual Date: 09/21/2007

EPA Id: CAD029363876
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Post-Closure Order in Lieu of Permit - ISSUE POST-CLOSURE VERIFICATION
Actual Date: 09/21/2007

Alias:

EPA Id: CAD029363876
Facility Type: Historical - Non-Operating
Alias Type: Envirostor ID Number
Alias: 30510001

EPA Id: CAD029363876
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 400236

EPA Id: CAD029363876
Facility Type: Historical - Non-Operating
Alias Type: Alternate Name
Alias: AVALON CHEMICAL COMPANY, INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC (Continued)

1000315095

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	208739
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30I010919
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	02/18/1994
STATUS CODE NAME:	Active
STATUS DATE:	02/18/1994
PLACE SIZE:	5
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Richard Foisy
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	714-546-9901
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	rfoisy@galladechem.com
OPERATOR NAME:	Gallade Chemical Inc
OPERATOR ADDRESS:	1230 E Saint Gertrude Pl
OPERATOR CITY:	Santa Ana
OPERATOR STATE:	California
OPERATOR ZIP:	92707
OPERATOR CONTACT NAME:	Richard Gallade
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	714-546-9901
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	rfoisy@galladechem.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	714-546-9901
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC (Continued)

1000315095

CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
CONSTYPE INDUSTRIAL IND: Not reported
CONSTYPE OTHER DESCRIPTION: Not reported
CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: Pacific Ocean
CERTIFIER NAME: Richard Foisy
CERTIFIER TITLE: Environment Health Safety
CERTIFICATION DATE: 13-JUN-16
PRIMARY SIC: 2899-Chemicals and Chemical Preparations, NEC
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 8
Regulatory Measure Id: 208739
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 30I010919
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 02/18/1994
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Gallade Chemical Inc
Discharge Address: 1230 E Saint Gertrude Pl
Discharge City: Santa Ana
Discharge State: California
Discharge Zip: 92707
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: Not reported
OPERATOR NAME: Not reported
OPERATOR ADDRESS: Not reported
OPERATOR CITY: Not reported
OPERATOR STATE: Not reported
OPERATOR ZIP: Not reported
OPERATOR CONTACT NAME: Not reported
OPERATOR CONTACT TITLE: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC (Continued)

1000315095

OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

WDS:

Facility ID:	Santa Ana River 30I010919
Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	GALLADE CHEMICAL INC
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	0
SIC Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC (Continued)

1000315095

Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Agency: Gallade Chemical Inc
Agency Address: 1230 E Saint Gertrude Pl, Santa Ana, CA 92707
Place/Project Type: Industrial - Chemicals and Chemical Preparations, NEC
SIC/NAICS: 2899
Region: 8
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 30I010919
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 02/18/1994
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.71962
Longitude: -117.85586

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

116
WSW
1/2-1
0.930 mi.
4912 ft.

Relative:
Lower

Actual:
44 ft.

ELECTROLURGY INCORPORATED
1121 DURYEA AVE.
IRVINE, CA 92614

RCRA-LQG
ENVIROSTOR
Orange Co. Industrial Site
ICIS
FINDS
ECHO
EMI

1000181717
CAD981991037

RCRA-LQG:

Date form received by agency: 01/14/2016
Facility name: ELECTROLURGY, INC
Facility address: 1121 DURYEA AVE
1121 DURYEA AVE
IRVINE, CA 92614
EPA ID: CAD981991037
Contact: ROGER LEON
Contact address: 1121 DURYEA AVE
IRVINE, CA 92614
Contact country: US
Contact telephone: 949-250-4494
Contact email: RLEON@ELECTROLURGY.COM
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: ERON EKLUNA
Owner/operator address: SAME
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/16/1976
Owner/Op end date: Not reported

Owner/operator name: ERON EKLUNA
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/16/1976
Owner/Op end date: Not reported

Owner/operator name: ROGER LEON
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/07/2015
Owner/Op end date: Not reported

Owner/operator name: ELECTROLURGY, INC
Owner/operator address: 1121 DURYEA AVE
IRVINE, CA 92614

Owner/operator country: US
Owner/operator telephone: 949-250-4494
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/15/1976
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

- . Waste name: Other inorganic solid waste
- . Waste code: 212
- . Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
- . Waste code: 711
- . Waste name: Liquids with cyanides > 1000 mg/l
- . Waste code: 726
- . Waste name: Liquids with nickel > 134 mg/l
- . Waste code: 791
- . Waste name: Liquids with pH < 2
- . Waste code: 792
- . Waste name: Liquids with pH < 2 with metals
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
- . Waste code: F007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Historical Generators:

Date form received by agency: 03/01/2014

Site name: ELECTROLURGY INC

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D003

. Waste name: REACTIVE WASTE

. Waste code: D006

. Waste name: CADMIUM

. Waste code: D007

. Waste name: CHROMIUM

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006

. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007

. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Date form received by agency: 03/12/2012

Site name: ELECTROLURGY, INC.

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

- . Waste name: REACTIVE WASTE
 - . Waste code: D006
 - . Waste name: CADMIUM
 - . Waste code: D007
 - . Waste name: CHROMIUM
 - . Waste code: F003
 - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
 - . Waste code: F006
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
 - . Waste code: F007
 - . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
- Date form received by agency: 09/08/2010
Site name: ELECTROLURGY, INC.
Classification: Large Quantity Generator
- . Waste code: D002
 - . Waste name: CORROSIVE WASTE
 - . Waste code: D006
 - . Waste name: CADMIUM
 - . Waste code: D007
 - . Waste name: CHROMIUM
 - . Waste code: F006
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
 - . Waste code: F007
 - . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

Date form received by agency: 02/21/2008

Site name: ELECTROLURGY, INC.

Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Date form received by agency: 02/26/2006

Site name: ELECTROLURGY INC.

Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/23/2004

Site name: ELECTROLURGY, INC.

Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/27/2002

Site name: ELECTROLURGY INC.

Classification: Large Quantity Generator

- . Waste code: 121
- . Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
- . Waste code: 132
- . Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 791
- . Waste name: Liquids with pH < 2
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 04/15/1999

Site name: ELECTROLURGY

Classification: Large Quantity Generator

Date form received by agency: 03/12/1987

Site name: ELECTROLURGY INC

Classification: Small Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 3211

Waste code: D003

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 1190

Waste code: D007

Waste name: CHROMIUM

Amount (Lbs): 7000

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 3211

Waste code: F006

Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Amount (Lbs): 15500

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 01/14/2015
Date achieved compliance: 02/20/2015
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/26/2010
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/21/2008
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/30/2008
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/18/2006
Date achieved compliance: 11/15/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/18/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/24/2005
Date achieved compliance: 04/03/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/19/2004
Date achieved compliance: 04/28/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/19/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/28/2004
Date achieved compliance: 03/26/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/26/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/03/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/19/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/14/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

Area of violation:	Generators - Pre-transport
Date achieved compliance:	02/20/2015
Evaluation lead agency:	State
Evaluation date:	01/14/2015
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	01/07/2015
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	01/06/2015
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	07/08/2014
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/10/2014
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/12/2014
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/04/2014
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	12/18/2013
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	12/16/2013
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

Evaluation date: 10/11/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/09/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/26/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/15/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/09/2009
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/21/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/30/2008
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/18/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/15/2006
Evaluation lead agency: State

Evaluation date: 04/03/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Evaluation date: 02/24/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

Date achieved compliance: 04/03/2006
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/19/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/28/2004
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/28/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/26/2004
Evaluation lead agency: State Contractor/Grantee

ENVIROSTOR:

Facility ID: 71002944
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.7032
Longitude: -117.8542
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981991037
Alias Type: EPA Identification Number
Alias Name: 110000480747
Alias Type: EPA (FRS #)
Alias Name: 71002944
Alias Type: Envirostor ID Number

Completed Info:

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

Future Area Name: Not reported
Future Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

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

Orange Co. Industrial Site:

Case ID: 87IC032
Record ID: RO0000114
Current Status: 8/11/1992
Closure Type: Closed pre 1994, file review required to determine closure type
Released Chemical: PLATING WASTE - OTHER METALS

ICIS:

Enforcement Action ID: 09-2000-0240
FRS ID: 110000480747
Action Name: ELECTROLURGY
Facility Name: ELECTROLURGY INCORPORATED
Facility Address: 1121 DURYEA AVE.
IRVINE, CA 92614
Enforcement Action Type: EPCRA 325 Action For Penalty
Facility County: ORANGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 325
Facility SIC Code: 3471
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.702891
Longitude in Decimal Degrees: -117.854683
Permit Type Desc: Not reported
Program System Acronym: 3144
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: ELECTROLURGY INCORPORATED
Address: 1121 DURYEA AVE.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: ELECTROLURGY INCORPORATED
Address: 1121 DURYEA AVE.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: ELECTROLURGY INCORPORATED
Address: 1121 DURYEA AVE.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

SIC Code: 3471

Facility Name: ELECTROLURGY INCORPORATED
Address: 1121 DURYEA AVE.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: ELECTROLURGY INCORPORATED
Address: 1121 DURYEA AVE.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: ELECTROLURGY INCORPORATED
Address: 1121 DURYEA AVE.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: ELECTROLURGY INCORPORATED
Address: 1121 DURYEA AVE.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: ELECTROLURGY INCORPORATED
Address: 1121 DURYEA AVE.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

FINDS:

Registry ID: 110000480747

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

these facilities release directly to air, water, land, or that are transported off-site.

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.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

ECHO:

Envid: 1000181717
Registry ID: 110000480747
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000480747>

EMI:

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 9823
Air District Name: SC
SIC Code: 347
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
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

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 9823
Air District Name: SC
SIC Code: 3471
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

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 9823
Air District Name: SC
SIC Code: 3471
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

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 9823
Air District Name: SC
SIC Code: 3471
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 9823
Air District Name: SC
SIC Code: 3471
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 Smlr Tons/Yr:0

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 9823
Air District Name: SC
SIC Code: 3471
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 Smlr Tons/Yr:0

Year: 2012
County Code: 30
Air Basin: SC
Facility ID: 9823
Air District Name: SC
SIC Code: 9999
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: 0.04199431549
Reactive Organic Gases Tons/Yr: 0.01773
Carbon Monoxide Emissions Tons/Yr: 0.25642
NOX - Oxides of Nitrogen Tons/Yr: 0.3235
SOX - Oxides of Sulphur Tons/Yr: 0.0019
Particulate Matter Tons/Yr: 0.331
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.148738

Year: 2013
County Code: 30
Air Basin: SC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROLURGY INCORPORATED (Continued)

1000181717

Facility ID: 9823
Air District Name: SC
SIC Code: 3399
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: 0.035623129911
Reactive Organic Gases Tons/Yr: 0.0150402
Carbon Monoxide Emissions Tons/Yr: 0.2169525
NOX - Oxides of Nitrogen Tons/Yr: 0.265563
SOX - Oxides of Sulphur Tons/Yr: 0.0015885
Particulate Matter Tons/Yr: 0.0557402
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.027330938

X117
West
1/2-1
0.932 mi.
4921 ft.

RIGID FLEX INTERNATIONAL
644 E YOUNG ST
SANTA ANA, CA 92705

ENVIROSTOR **1000159683**
RCRA NonGen / NLR **CAD982507147**
WDS

Site 1 of 2 in cluster X

Relative:
Lower
Actual:
53 ft.

ENVIROSTOR:
Facility ID: 71003099
Status: Active
Status Date: 01/18/2017
Site Code: 401773
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0.7
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Chia Rin Yen
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71007
Longitude: -117.8577
APN: 411-063-48
Past Use: METAL PLATING - OTHER
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: UE
Alias Name: Rigid Flex International
Alias Type: Alternate Name
Alias Name: 411-063-48
Alias Type: APN
Alias Name: CAD982507147
Alias Type: EPA Identification Number
Alias Name: 401773
Alias Type: Project Code (Site Code)
Alias Name: 71003099
Alias Type: Envirostor ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIGID FLEX INTERNATIONAL (Continued)

1000159683

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/27/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/11/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 01/18/2017
Comments: The Corrective action consent agreement for PEA was fully executed on 1/17/2017 and sent to Almatron on 1/18/2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/20/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/10/2017
Comments: Site visit was conducted to verify information in the PEA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 09/05/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/14/2016
Comments: Three letters sent to former owners/operator

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: Preliminary Endangerment Assessment Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIGID FLEX INTERNATIONAL (Continued)

1000159683

Schedule Due Date: 01/14/2018
Schedule Revised Date: Not reported

RCRA NonGen / NLR:

Date form received by agency: 02/06/2015
Facility name: RIGID FLEX INTERNATIONAL
Facility address: 644 E YOUNG ST
SANTA ANA, CA 92705
EPA ID: CAD982507147
Contact: MARK FUST
Contact address: 644 E YOUNG ST
SANTA ANA, CA 92705
Contact country: US
Contact telephone: 714-444-1189
Contact email: MARK@RIGID-FLEX.COM
EPA Region: 09
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MARK FUST
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1989
Owner/Op end date: Not reported

Owner/operator name: MARGARITO ALVAREZ
Owner/operator address: 12691 BONITA HEIGHTS DR
SANTA ANA, CA 92705
Owner/operator country: US
Owner/operator telephone: 714-623-2426
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1989
Owner/Op end date: Not reported

Owner/operator name: MARGARITO ALVAREZ
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIGID FLEX INTERNATIONAL (Continued)

1000159683

Owner/Operator Type: Owner
Owner/Op start date: 01/01/1983
Owner/Op end date: Not reported

Owner/operator name: MARGARITO ALVAREZ
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1983
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 06/03/2013
Site name: ALMATRON ELECTRONICS
Classification: Not a generator, verified

Date form received by agency: 03/12/2013
Site name: RIGID FLEX INTERNATIONAL
Classification: Large Quantity Generator

- . Waste code: 131
- . Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)
- . Waste code: 132
- . Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)
- . Waste code: 171
- . Waste name: Metal sludge (see 121)
- . Waste code: 792

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIGID FLEX INTERNATIONAL (Continued)

1000159683

- . Waste name: Liquids with pH < 2 with metals
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 06/02/2008

Site name: ALMATRON ELECTRONICS INCORPORATED

Classification: Large Quantity Generator

- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D004
- . Waste name: ARSENIC
- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/25/2004

Site name: ALAMATRON ELECTRONICS

Classification: Small Quantity Generator

Date form received by agency: 02/25/2004

Site name: ALAMATRON ELECTRONICS

Classification: Large Quantity Generator

- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 03/25/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIGID FLEX INTERNATIONAL (Continued)

1000159683

Site name: ALMATRON ELECTRONICS INC.
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 03/04/1999
Site name: ALMATRON ELECTRONICS, INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: ALMATRON ELECTRONICS INC
Classification: Large Quantity Generator

Date form received by agency: 01/01/1996
Site name: ALMATRON ELECTRONICS
Classification: Large Quantity Generator

Date form received by agency: 03/23/1994
Site name: ALMATRON ELECTRONICS
Classification: Large Quantity Generator

Date form received by agency: 01/04/1990
Site name: ALMATRON ELECTRONICS INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/21/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIGID FLEX INTERNATIONAL (Continued)

1000159683

Area of violation: Generators - General
Date violation determined: 02/07/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/21/2003
Date achieved compliance: 10/21/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/23/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/24/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/24/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/09/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/06/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIGID FLEX INTERNATIONAL (Continued)

1000159683

Evaluation date: 03/05/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/21/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/07/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/21/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/21/2003
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/16/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

WDS:

Facility ID: Santa Ana River 30I017201
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: Not reported
Facility Contact: RICARDO ORNELAZ
Agency Name: ALMATRON ELECTRONIC
Agency Address: 644 E YOUNG ST
Agency City,St,Zip: SANTA ANA 92705
Agency Contact: RICARDO ORNELAZ
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIGID FLEX INTERNATIONAL (Continued)

1000159683

Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**W118 ORANGE COUNTY CHEM CO.
WNW 1230 E. SAINT GERTRUDE PLACE
1/2-1 SANTA ANA, CA 92707**

**ENVIROSTOR S112057219
N/A**

**0.941 mi.
4968 ft.**

Site 2 of 5 in cluster W

**Relative:
Higher**

ENVIROSTOR:

**Actual:
67 ft.**

Facility ID: 71002348
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71908
Longitude: -117.8557
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD029363876
Alias Type: EPA Identification Number
Alias Name: 71002348
Alias Type: Envirostor ID Number

Completed Info:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORANGE COUNTY CHEM CO. (Continued)

S112057219

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
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

W119
WNW
1/2-1
0.941 mi.
4968 ft.

AVALON CHEMICAL COMPANY, INC
1230 SAINT GERTRUDE PLACE
SANTA ANA, CA 92707
Site 3 of 5 in cluster W

ENVIROSTOR **S112057177**
N/A

Relative:
Higher

Actual:
67 ft.

ENVIROSTOR:

Facility ID: 30510001
Status: Refer: RCRA
Status Date: 05/09/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: * CERC2
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71907
Longitude: -117.8548
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * ACID SOLUTION 2>PH WITH METALS *
UNSPECIFIED SOLVENT MIXTURES * ALKALINE SOLUTION 2<PH<12.5, WITH METALS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: GALLADE CHEMICAL INC.
Alias Type: Alternate Name
Alias Name: GALLADE CHEMICAL, INC
Alias Type: Alternate Name
Alias Name: ORANGE COUNTY CHEMICAL COMPANY
Alias Type: Alternate Name
Alias Name: CAD029363876

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVALON CHEMICAL COMPANY, INC (Continued)

S112057177

Alias Type: EPA Identification Number
Alias Name: CAD029363876
Alias Type: HWTS Identification Code
Alias Name: 30510001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/09/1995
Comments: NFA under CERCLA Laws; site is RCRA regulated.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/23/1989
Comments: PRELIM ASSESS DONE FACILITY HAS A HISTORY OF ACID/BASE WITH METALS SPILLS. SOIL AND GROUNDWATER CONTAMINATION IDENTIFIED; FACILITY IS RCRA REGULATED; SITE REFERRED

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

W120
WNW
1/2-1
0.941 mi.
4968 ft.

GALLADE CHEMICAL, INC
1230 E SAINT GERTRUDE PL
SANTA ANA, CA 92707

Site 4 of 5 in cluster W

ENVIROSTOR
DEED
ICE

S112057221
N/A

Relative:
Higher

Actual:
67 ft.

ENVIROSTOR:

Facility ID: 80001356
Status: Active
Status Date: 10/13/2009
Site Code: 401808
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 4.1
NPL: NO
Regulatory Agencies: RWQCB 8 - Santa Ana
Lead Agency: RWQCB 8 - Santa Ana
Program Manager: Chia Rin Yen
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.72000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL, INC (Continued)

S112057221

Longitude: -117.8557
APN: 016-120-28
Past Use: MANUFACTURING - CHEMICALS
Potential COC: Sulfuric Acid
Confirmed COC: Sulfuric Acid
Potential Description: SOIL, WELL
Alias Name: AVALON CHEMICAL COMPANY, INC
Alias Type: Alternate Name
Alias Name: Orange County Chemical Site
Alias Type: Alternate Name
Alias Name: 016-120-28
Alias Type: APN
Alias Name: CAD029363876
Alias Type: EPA Identification Number
Alias Name: 400236
Alias Type: Project Code (Site Code)
Alias Name: 401808
Alias Type: Project Code (Site Code)
Alias Name: 30510001
Alias Type: Envirostor ID Number
Alias Name: 80001356
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 11/01/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 08/01/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 10/31/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/05/2012
Comments: Completed letter from Water Board

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Workplan
Completed Date: 05/17/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL, INC (Continued)

S112057221

Comments:	Comments complete
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	06/14/2012
Comments:	Completed
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Groundwater Migration Controlled
Completed Date:	03/09/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Human Exposure Controlled
Completed Date:	03/09/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Groundwater Migration Controlled
Completed Date:	02/24/2011
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	07/13/2017
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	07/27/2017
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Human Exposure Controlled
Completed Date:	08/09/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Agreement
Completed Date:	11/29/2017
Comments:	Meeting to discuss instruments for DTSC's oversight was held on 11/29/2017.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Payment Agreement
Completed Date:	12/13/2017
Comments:	Letter signed on 12/13/2017.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL, INC (Continued)

S112057221

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed
Completed Date: 02/24/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 05/16/2013
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/22/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 01/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/16/2014
Comments: The letter was not sent to Gallade since the facility is in compliance with the LUC recorded in 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/26/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/01/2011
Comments: LUC inspection report submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/17/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/15/2013
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL, INC (Continued)

S112057221

Completed Document Type: Monitoring Report
Completed Date: 08/25/2014
Comments: GW Report was not reviewed because the WB is the lead agency.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/21/2014
Comments: Comments sent RWQCB on 10/21/2014

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/13/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/04/2015
Comments: Comments were provided to RWQCB on 8/4/2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/14/2016
Comments: 2015 annual LUC Report submitted. No comments provided by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/19/2017
Comments: No comments were provided by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/31/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/24/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/30/1992
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL, INC (Continued)

S112057221

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 01/12/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 10/27/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/30/2011
Comments: ownership change notice

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 11/01/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 11/01/1988
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

DEED:

Envirostor ID: 80001356
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: CORRECTIVE ACTION
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 09/28/2010
File Name: Envirostor Land Use Restrictions

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL, INC (Continued)

S112057221

ICE:

Envirostor ID: 3001675
EPA ID: CAD029363876
Site Type: INSPECTION
Facility Status: No Action

Inspection:

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 06/26/2007
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 06/28/2007
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 06/10/2008
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 06/26/2008
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure
Action Date: 09/15/2015
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 04/20/2015
Violation Class: No Violations
RTC Date: Not reported

W121
WNW
1/2-1
0.941 mi.
4968 ft.
Relative:
Higher
Actual:
67 ft.

GALLADE CHEMICAL INC.
1230 EAST SAINT GERTRUDE PL
SANTA ANA, CA 92707

Site 5 of 5 in cluster W

SEMS Archive:
Site ID: 903352
EPA ID: CAD029363876
Cong District: 38
FIPS Code: 6059
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region:

9

SEMS-ARCHIVE 1015732713
CORRACTS CAD029363876
RCRA-TSDF
RCRA-SQG
US FIN ASSUR
2020 COR ACTION
FINDS
ECHO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Site ID: 903352
EPA ID: CAD029363876
Site Name: ORANGE COUNTY CHEMICAL CO
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1989-11-08 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 903352
EPA ID: CAD029363876
Site Name: ORANGE COUNTY CHEMICAL CO
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1989-07-12 00:00:00
Finish Date: 1989-07-12 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903352
EPA ID: CAD029363876
Site Name: ORANGE COUNTY CHEMICAL CO
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1989-11-08 00:00:00
Qual: N
Current Action Lead: St Perf

CORRACTS:

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19920801
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction
and treatment
NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Schedule end date: Not reported

EPA ID: CAD029363876

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19890101

Action: CA100 - RFI Imposition

NAICS Code(s): 42469

Other Chemical and Allied Products Merchant Wholesalers

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAD029363876

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19891101

Action: CA049PA

NAICS Code(s): 42469

Other Chemical and Allied Products Merchant Wholesalers

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAD029363876

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19891101

Action: CA029WQ

NAICS Code(s): 42469

Other Chemical and Allied Products Merchant Wholesalers

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAD029363876

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19891101

Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority

NAICS Code(s): 42469

Other Chemical and Allied Products Merchant Wholesalers

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAD029363876

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19971203

Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected

NAICS Code(s): 42469

Other Chemical and Allied Products Merchant Wholesalers

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAD029363876

EPA Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Area Name: ENTIRE FACILITY
Actual Date: 19971203
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19971203
Action: CA210 - CA Responsibility Referred To A Non-RCRA Federal Authority
NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20040809
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20040809
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: 20040809
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20010309
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: 20010309
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20010309

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected

NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20010309
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control

NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20010309
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control

NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers

Original schedule date: 20010309
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930112
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority

NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930112
Action: CA225 - Stabilization Measures Evaluation

NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19941118
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20110224
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified

NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: 20110224
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20110224
Action: CA550RC
NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: 20110224
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20110224
Action: CA550RC
NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: 20110224
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20110224
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified

NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: 20110224
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19941027
Action: CA225IN - Stabilization Measures Evaluation, This facility is not,
amenable to stabilization activity because of, a lack of technical
data. An evaluation has been completed, but further data is necessary
to determine stabilization measures, feasibility or appropriateness.
This status should be changed when data becomes available

NAICS Code(s): 42469

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19920630
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD029363876
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19921031
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 42469
Other Chemical and Allied Products Merchant Wholesalers
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 05/16/2016
Facility name: GALLADE CHEMICAL INC.
Facility address: 1230 EAST SAINT GERTRUDE PL
SANTA ANA, CA 92707
EPA ID: CAD029363876
Mailing address: EAST SAINT GERTRUDE PL
SANTA ANA, CA 92707
Contact: FRED BARELA
Contact address: EAST SAINT GERTRUDE PL
SANTA ANA, CA 92707
Contact country: US
Contact telephone: 714-516-9901
Telephone ext.: 103
Contact email: FBARELA@GALLADECHEM.COM
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name: RICHARD A GALLADE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Owner/Op start date: 10/10/1964
Owner/Op end date: Not reported

Owner/operator name: SEE COMMENTS
Owner/operator address: SEE COMMENTS
CA

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1974
Owner/Op end date: Not reported

Owner/operator name: RICHARD A GALLADE
Owner/operator address: EAST SAINT GERTRUDE PL
SANTA ANA, CA 92707

Owner/operator country: US
Owner/operator telephone: 714-546-9901
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/10/1964
Owner/Op end date: Not reported

Owner/operator name: GALLADE CHECMICAL INC
Owner/operator address: 1230 E SAINT GERTRUDE PL
SANTA ANA, CA 92707

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1976
Owner/Op end date: Not reported

Owner/operator name: GALLADE CHEMICAL, INC.
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1974
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

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

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352
. Waste name: Other organic solids

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

Historical Generators:

Date form received by agency: 03/01/2014

Site name: GALLADE CHEMICAL INC

Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Date form received by agency: 06/06/2008

Site name: GALLADE CHEMICAL INC

Classification: Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 04/28/2006
Site name: GALLADE CHEMICAL, INC.
Classification: Large Quantity Generator

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: D001
. Waste name: IGNITABLE WASTE

Date form received by agency: 04/28/2006
Site name: GALLADE CHEMICAL, INC.
Classification: Small Quantity Generator

Date form received by agency: 08/10/1993
Site name: GALLADE CHEMICAL INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/01/1993
Site name: GALLADE CHEMICAL INC
Classification: Not a generator, verified

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 600

Waste code: D021
Waste name: CHLOROBENZENE
Amount (Lbs): 300

Waste code: D029
Waste name: 1,1-DICHLOROETHYLENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Amount (Lbs): 5340.2

Waste code: D040
Waste name: TRICHLOROETHYLENE
Amount (Lbs): 2740.6

Waste code: U037
Waste name: BENZENE, CHLORO-
Amount (Lbs): 300

Corrective Action Summary:

Event date: 01/01/1989
Event: INVESTIGATION IMPOSITION

Event date: 11/01/1989
Event: LEAD AGENCY DETERMINATION

Event date: 11/01/1989
Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 11/01/1989
Event: PA OR CERCLA INSPECTION

Event date: 06/30/1992
Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 08/01/1992
Event: STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION & TREATMENT

Event date: 10/31/1992
Event: STABILIZATION CONSTRUCTION COMPLETED

Event date: 01/12/1993
Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 01/12/1993
Event: STABILIZATION MEASURES EVALUATION

Event date: 10/27/1994
Event: STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY

Event date: 11/18/1994
Event: CA PRIORITIZATION-MEDIUM CA PRIORITY

Event date: 12/03/1997
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 12/03/1997
Event: RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION

Event date: 12/03/1997
Event: REFERRED TO A NON-RCRA AUTHORITY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Event date:	03/09/2001
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	03/09/2001
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	03/09/2001
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	03/09/2001
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	08/09/2004
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	08/09/2004
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	02/24/2011
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	02/24/2011
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	02/24/2011
Event:	REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Event date:	02/24/2011
Event:	REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Facility Has Received Notices of Violations:

Regulation violated:	F - 270
Area of violation:	TSD - General
Date violation determined:	12/20/1996
Date achieved compliance:	01/09/1997
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	12/20/1996
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported
Regulation violated:	F - 262.50-60
Area of violation:	Generators - General
Date violation determined:	12/20/1996
Date achieved compliance:	01/09/1997
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Enforcement action date: 12/20/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.50-56.D
Area of violation: TSD - General
Date violation determined: 05/04/1994
Date achieved compliance: 06/07/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/13/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 05/04/1994
Date achieved compliance: 06/07/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/13/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 05/04/1994
Date achieved compliance: 06/07/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/13/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 05/04/1994
Date achieved compliance: 06/07/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/13/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 06/24/1993
Date achieved compliance: 05/17/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/24/1993
Date achieved compliance: 05/17/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 04/23/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 92000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/01/1991
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 92000
Paid penalty amount: 92000

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/01/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 92000
Paid penalty amount: 92000

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 06/26/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 50000
Paid penalty amount: 50000

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 06/26/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 50000
Paid penalty amount: 50000

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 04/23/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 92000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/09/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 04/23/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Proposed penalty amount: 92000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 04/23/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 92000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/09/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/01/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Final penalty amount: 92000
Paid penalty amount: 92000

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/09/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 06/26/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 50000
Paid penalty amount: 50000

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 02/08/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2000
Final penalty amount: 2000
Paid penalty amount: 2000

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 06/26/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 50000
Paid penalty amount: 50000

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 02/08/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2000
Final penalty amount: 2000
Paid penalty amount: 2000

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 02/08/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2000
Final penalty amount: 2000
Paid penalty amount: 2000

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/01/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 92000
Paid penalty amount: 92000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/09/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 01/26/1990
Date achieved compliance: 05/01/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 02/08/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2000
Final penalty amount: 2000
Paid penalty amount: 2000

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 05/24/1988
Date achieved compliance: 08/10/1988
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 06/21/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 05/24/1988
Date achieved compliance: 08/10/1988
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 70000
Final penalty amount: 70000
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Area of violation: TSD - Financial Requirements
Date violation determined: 05/24/1988
Date achieved compliance: 08/10/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 05/12/1988
Date achieved compliance: 08/10/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/09/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/15/2015
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/20/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/26/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/10/2008
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/28/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Evaluation date: 06/26/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/19/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/09/1997
Evaluation lead agency: State

Evaluation date: 12/19/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/09/1997
Evaluation lead agency: State

Evaluation date: 03/30/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/07/1994
Evaluation lead agency: State

Evaluation date: 03/30/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/07/1994
Evaluation lead agency: State

Evaluation date: 06/11/1993
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/14/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 05/17/1994
Evaluation lead agency: State

Evaluation date: 05/14/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/17/1994
Evaluation lead agency: State

Evaluation date: 12/03/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/01/1991
Evaluation lead agency: State

Evaluation date: 12/03/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Date achieved compliance: 05/01/1991
Evaluation lead agency: State

Evaluation date: 12/03/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/01/1991
Evaluation lead agency: State

Evaluation date: 10/05/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/14/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/24/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 08/10/1988
Evaluation lead agency: State

Evaluation date: 05/12/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/10/1988
Evaluation lead agency: State

Evaluation date: 03/07/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US FIN ASSUR:

EPA ID: CAD029363876
Provider: IRONSHORE SPECIALTY INS. COMPANY
EPA region: 9
County: Not reported
Mechanism type: INSURANCE
Mechanism ID: 842801
Cost estimate: 8000000
Face value: 8000000
Effective date: 2010-12-01 00:00:00

EPA ID: CAD029363876
Provider: UNION BANK OF CALIFORNIA
EPA region: 9
County: Not reported
Mechanism type: TRUST FUND (FULLY FUNDED)
Mechanism ID: 1
Cost estimate: 39843
Face value: 247962

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

Effective date: 1986-05-22 00:00:00

EPA ID: CAD029363876
Provider: IRONSHORE SPECIALTY INS. COMPANY
EPA region: 9
County: Not reported
Mechanism type: INSURANCE
Mechanism ID: 842801
Cost estimate: 2000000
Face value: 2000000
Effective date: 2010-12-01 00:00:00

EPA ID: CAD029363876
Provider: UNION BANK OF CALIFORNIA
EPA region: 9
County: Not reported
Mechanism type: TRUST FUND (FULLY FUNDED)
Mechanism ID: 6711485900
Cost estimate: 239378.3
Face value: 239378.3
Effective date: 2009-04-07 00:00:00

2020 COR ACTION:

EPA ID: CAD029363876
Region: 9
Action: Not reported

FINDS:

Registry ID: 110000480612

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GALLADE CHEMICAL INC. (Continued)

1015732713

corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

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

ECHO:

Envid: 1015732713
Registry ID: 110000480612
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000480612>

**Y122
WNW
1/2-1
0.945 mi.
4990 ft.**

**KNORR SYSTEMS
2221 S. STANDARD AVE
SANTA ANA, CA 92707**

**ENVIROSTOR S111120546
N/A**

Site 1 of 2 in cluster Y

**Relative:
Higher**

**Actual:
62 ft.**

ENVIROSTOR:

Facility ID: 60001514
Status: Refer: RWQCB
Status Date: 10/15/2012
Site Code: 401588
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 69
Senate: Not reported
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.71678
Longitude: -117.8559
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 401588
Alias Type: Project Code (Site Code)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNORR SYSTEMS (Continued)

S111120546

Alias Name: 60001514
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 10/01/2012
Comments: Final signed by USEPA

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

123
SSE
1/2-1
0.955 mi.
5044 ft.

TUSTIN ARMED FORCES RESERVE CENTER
2345 BARRANCA PKWY
TUSTIN, CA 92606

ENVIROSTOR
NPDES
CIWQS

S103393792
N/A

Relative:
Lower
Actual:
43 ft.

ENVIROSTOR:
Facility ID: 30970009
Status: * De-listed
Status Date: 05/07/2001
Site Code: 400687
Site Type: Military Evaluation
Site Type Detailed: Open Base
Acres: Not reported
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.69972
Longitude: -117.8338
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: SANTA ANA AFRC
Alias Type: Alternate Name
Alias Name: 400687
Alias Type: Project Code (Site Code)
Alias Name: 30970009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN ARMED FORCES RESERVE CENTER (Continued)

S103393792

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/08/2001
Comments: PEA - GREASE RACK: The purpose of the Preliminary Assessment (PA) was to collect information concerning potential contamination from the Grease Rack sufficient to assess the threat posed to human health and the environment and to determine the need for appropriate action. Soil sampling was performed at this location and the results did not indicate any contamination of the soil above remediation goals. Based on the findings of the PA, the department concurred with the No Further Action recommendation in the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 10/07/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Delisting Document
Completed Date: 05/07/2001
Comments: DLIST - SITE 3 (GREASE RACK): The purpose of the decision document is to present the selected action for the Site 3 - grease rack in accordance with the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). It has been determined that the selected remedy of No Further Action (NFA) is protective of human health and the environment. The decision document describes the selected action based on the results of the Preliminary Assessment (PA) and other subsequent investigations conducted under the Installation Restoration Program (IRP). DTSC concurred with the decision document's NFA recommendation in a letter dated April 2, 2001. DTSC's agreement to remove this site from the IRP list does not represent certification or validation that the entire facility does not have any hazardous substance releases. Should DTSC become aware of potential hazardous substance releases, it will initiate appropriate action to correct the problem.

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

NPDES:

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN ARMED FORCES RESERVE CENTER (Continued)

S103393792

Regulatory Measure Id:	209081
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30I016763
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	09/06/2001
STATUS CODE NAME:	Active
STATUS DATE:	10/30/2013
PLACE SIZE:	12
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Lisa Gonzales
FACILITY CONTACT TITLE:	Storm Water Program Manager
FACILITY CONTACT PHONE:	714-520-1318
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	lisa.m.gonzales42.ctr@mail.mil
OPERATOR NAME:	63d Regional Support Command
OPERATOR ADDRESS:	230 R T Jones Rd
OPERATOR CITY:	Mountain View
OPERATOR STATE:	California
OPERATOR ZIP:	94043
OPERATOR CONTACT NAME:	Laura Caballero
OPERATOR CONTACT TITLE:	Division Chief
OPERATOR CONTACT PHONE:	650-279-9112
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	laura.m.caballero.civ@mail.mil
OPERATOR TYPE:	Federal Agency
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN ARMED FORCES RESERVE CENTER (Continued)

S103393792

CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	San Joaquin Channel
CERTIFIER NAME:	Genika Brown
CERTIFIER TITLE:	Ms.
CERTIFICATION DATE:	30-DEC-16
PRIMARY SIC:	9999-Nonclassifiable Establishments
SECONDARY SIC:	Not reported
TERTIARY SIC:	4231-Terminal and Joint Terminal Maintenance Facilities for Motor Freight Transportation
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	209081
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I016763
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/06/2001
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	63d Regional Support Command
Discharge Address:	230 R T Jones Rd
Discharge City:	Mountain View
Discharge State:	California
Discharge Zip:	94043
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN ARMED FORCES RESERVE CENTER (Continued)

S103393792

DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

CIWQS:

Agency:	63d Regional Support Command
Agency Address:	230 R T Jones Rd, Mountain View, CA 94043
Place/Project Type:	Industrial - Nonclassifiable Establishments
SIC/NAICS:	Multiple
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 30I016763
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	09/06/2001
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.69802

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN ARMED FORCES RESERVE CENTER (Continued)

S103393792

Longitude: -117.83221

X124
West
1/2-1
0.957 mi.
5051 ft.

GORILLAS POLISHING & PLATING CORP.
654 E YOUNG STREET
SANTA ANA, CA 92705
Site 2 of 2 in cluster X

ENVIROSTOR
LUST
HIST UST
Orange Co. Industrial Site
EMI

S105032433
N/A

Relative:
Lower
Actual:
53 ft.

ENVIROSTOR:
Facility ID: 71003767
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Chia Rin Yen
Supervisor: Yolanda Garza
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71006
Longitude: -117.8572
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: LM Chrome
Alias Type: Alternate Name
Alias Name: CAD030593883
Alias Type: EPA Identification Number
Alias Name: 71003767
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/22/2016
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GORILLAS POLISHING & PLATING CORP. (Continued)

S105032433

Facility ID: 60001275
Status: Refer: EPA
Status Date: 07/28/2015
Site Code: 401156
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Willard Garrett
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.71045
Longitude: -117.8581
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, HAZARDOUS WASTE TREATMENT, METAL FINISHING, METAL PLATING - CHROME
Potential COC: Under Investigation 305185 Copper and compounds
Confirmed COC: Copper and compounds Under Investigation 305185
Potential Description: SOIL, UE
Alias Name: LM Chrome Corporation
Alias Type: Alternate Name
Alias Name: 401156
Alias Type: Project Code (Site Code)
Alias Name: 60001275
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 01/12/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 06/17/2015
Comments: Final report available July 2015 from USEPA data base and uploaded.
SSA report Confidential attachments located in Confidential field,
see drop down menu.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GORILLAS POLISHING & PLATING CORP. (Continued)

S105032433

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

LUST:

Lead Agency: SANTA ANA, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901367
Global Id: T0605901367
Latitude: 33.7101778
Longitude: -117.8581443
Status: Completed - Case Closed
Status Date: 04/07/1994
Case Worker: CC
RB Case Number: 083001828T
Local Agency: SANTA ANA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Copper
Site History: Not reported

LUST:

Global Id: T0605901367
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: T0605901367
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: valerie.jahn-bull@waterboards.ca.gov
Phone Number: 9517824903

LUST:

Global Id: T0605901367
Action Type: RESPONSE
Date: 11/15/1993
Action: Preliminary Site Assessment Report

Global Id: T0605901367
Action Type: Other
Date: 01/21/1991
Action: Leak Discovery

Global Id: T0605901367
Action Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GORILLAS POLISHING & PLATING CORP. (Continued)

S105032433

Date: 02/25/1991
Action: Leak Reported

Global Id: T0605901367
Action Type: ENFORCEMENT
Date: 04/07/1994
Action: Closure/No Further Action Letter

LUST:

Global Id: T0605901367
Status: Open - Case Begin Date
Status Date: 01/21/1991

Global Id: T0605901367
Status: Open - Site Assessment
Status Date: 02/25/1991

Global Id: T0605901367
Status: Open - Site Assessment
Status Date: 11/15/1993

Global Id: T0605901367
Status: Completed - Case Closed
Status Date: 04/07/1994

HIST UST:

File Number: 0002EB49
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EB49.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:

Orange Co. Industrial Site:

Case ID: 89IC033
Record ID: RO0000209
Current Status: CLOSED 4/12/1994
Closure Type: Closure certification issued

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GORILLAS POLISHING & PLATING CORP. (Continued)

S105032433

Released Chemical: COPPER COMPOUNDS

EMI:

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 72303
Air District Name: SC
SIC Code: 3672
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: 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

Y125
WNW
1/2-1
0.961 mi.
5072 ft.

EXTRUDED PLASTICS COMPANY
2201 SOUTH STANDARD AVENUE
SANTA ANA, CA 92707

ENVIROSTOR S101481431
N/A

Site 2 of 2 in cluster Y

Relative:
Higher
Actual:
63 ft.

ENVIROSTOR:
Facility ID: 30280534
Status: Refer: EPA
Status Date: 04/10/2012
Site Code: 401492
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.6
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.7177
Longitude: -117.8561
APN: 016-120-25
Past Use: NONE SPECIFIED
Potential COC: * UNSPECIFIED AQUEOUS SOLUTION
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: Style Craft Printing
Alias Type: Alternate Name
Alias Name: 016-120-25
Alias Type: APN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXTRUDED PLASTICS COMPANY (Continued)

S101481431

Alias Name: 401492
Alias Type: Project Code (Site Code)
Alias Name: 30280534
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/27/1986
Comments: SITE SCREENING DONE INFO OBTAINED DURING FIELD CHECK

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 02/08/2012
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

126
SW
1/2-1
0.969 mi.
5114 ft.

SIXTH & VERMONT INVESTMENT CO
17091 DAIMLER ST
IRVINE, CA 92714

Orange Co. Industrial Site
HWP

S103635682
N/A

Relative:
Lower

Orange Co. Industrial Site:

Actual:
43 ft.

Case ID: 97IC011
Record ID: RO0000579
Current Status: CLOSED 5/27/1997
Closure Type: Closure certification issued
Released Chemical: PLATING WASTE - NICKEL; PLATING WASTE - OTHER METALS

HWP:

EPA Id: CAD000819649
Cleanup Status: PROTECTIVE FILER
Latitude: 33.7025
Longitude: -117.854
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 74
Senate District: 37
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:

EPA Id: CAD000819649

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIXTH & VERMONT INVESTMENT CO (Continued)

S103635682

Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, SURFSTR1, TANKSTR1, TANKTRT1
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date: 08/31/1982

EPA Id: CAD000819649
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, SURFSTR1, TANKSTR1, TANKTRT1
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date: 05/29/1984

127
WSW
1/2-1
0.969 mi.
5117 ft.

Relative:
Lower

Actual:
48 ft.

ITT CANNON LLC
666 EAST DYER ROAD
SANTA ANA, CA 92705

RCRA-LQG **1000106103**
ENVIROSTOR **CAD049974231**
LUST
SWEEPS UST
HIST UST
CA FID UST
CHMIRS
Orange Co. Industrial Site
ICIS
FTTS
FINDS
ECHO
EMI
NPDES
CIWQS

RCRA-LQG:

Date form received by agency: 02/26/2016
Facility name: ITT CANNON LLC
Facility address: 666 EAST DYER ROAD
SANTA ANA, CA 92705
EPA ID: CAD049974231
Mailing address: EAST DYER ROAD
SANTA ANA, CA 92705
Contact: LORRAINE SEDLAK
Contact address: TECHNOLOGY DRIVE
IRVINE, CA 92618
Contact country: US
Contact telephone: 714-628-2164
Contact email: LORRAINE.SEDLAK@ITT.COM
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Owner/Operator Summary:

Owner/operator name: ITT CANNON LLC
Owner/operator address: EAST DYER ROAD
SANTA ANA, CA 92705
Owner/operator country: US
Owner/operator telephone: 714-628-2366
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/31/2011
Owner/Op end date: Not reported

Owner/operator name: ITT CANNON LLC
Owner/operator address: 666 E DYER RD
SANTA ANA, CA 92705
Owner/operator country: US
Owner/operator telephone: 714-557-4700
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/31/2011
Owner/Op end date: Not reported

Owner/operator name: ITT CANNON LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/31/2011
Owner/Op end date: Not reported

Owner/operator name: ITT CANNON LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/31/2011
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

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

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: 133
. Waste name: Aqueous solution with 10% or more total organic residues

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 331

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
- . Waste code: 611
- . Waste name: Contaminated soil from site clean-ups
- . Waste code: 711
- . Waste name: Liquids with cyanides > 1000 mg/l
- . Waste code: 741
- . Waste name: Liquids with halogenated organic compounds > 1000 mg/l
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D022
- . Waste name: CHLOROFORM
- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F009
- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
- . Waste code: U044
- . Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-
- . Waste code: U223
- . Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Historical Generators:

Date form received by agency: 03/01/2014
Site name: ITT CANNON LLC
Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE
- . Waste code: D004
- . Waste name: ARSENIC
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

- . Waste code: D010
 - . Waste name: SELENIUM

 - . Waste code: D011
 - . Waste name: SILVER

 - . Waste code: D035
 - . Waste name: METHYL ETHYL KETONE

 - . Waste code: F003
 - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

 - . Waste code: F006
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

 - . Waste code: F007
 - . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

 - . Waste code: F008
 - . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

 - . Waste code: F009
 - . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

 - . Waste code: P106
 - . Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
- Date form received by agency: 02/29/2012
- Site name: ITT CANNON, LLC
- Classification: Large Quantity Generator
-
- . Waste code: 131
 - . Waste name: Aqueous solution ($2 < \text{pH} < 12.5$) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

 - . Waste code: 132
 - . Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

- . Waste code: 133
- . Waste name: Aqueous solution with 10% or more total organic residues

- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues

- . Waste code: 135
- . Waste name: Unspecified aqueous solution

- . Waste code: 181
- . Waste name: Other inorganic solid waste

- . Waste code: 214
- . Waste name: Unspecified solvent mixture

- . Waste code: 223
- . Waste name: Unspecified oil-containing waste

- . Waste code: 261
- . Waste name: Polychlorinated biphenyls and material containing PCB's

- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture

- . Waste code: 351
- . Waste name: Organic solids with halogens

- . Waste code: 352
- . Waste name: Other organic solids

- . Waste code: 513
- . Waste name: Empty containers less than 30 gallons

- . Waste code: 551
- . Waste name: Laboratory waste chemicals

- . Waste code: 711
- . Waste name: Liquids with cyanides > 1000 mg/l

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

- Date form received by agency: 10/11/2011
- Site name: ITT CANNON LLC
- Classification: Large Quantity Generator

- . Waste code: 131
- . Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

- . Waste code: 133
- . Waste name: Aqueous solution with 10% or more total organic residues

- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues

- . Waste code: 135
- . Waste name: Unspecified aqueous solution

- . Waste code: 181
- . Waste name: Other inorganic solid waste

- . Waste code: 214
- . Waste name: Unspecified solvent mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

- . Waste code: 223
- . Waste name: Unspecified oil-containing waste

- . Waste code: 261
- . Waste name: Polychlorinated biphenyls and material containing PCB's

- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture

- . Waste code: 351
- . Waste name: Organic solids with halogens

- . Waste code: 352
- . Waste name: Other organic solids

- . Waste code: 513
- . Waste name: Empty containers less than 30 gallons

- . Waste code: 551
- . Waste name: Laboratory waste chemicals

- . Waste code: 711
- . Waste name: Liquids with cyanides > 1000 mg/l

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D010
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

- . Waste code: D039
 - . Waste name: TETRACHLOROETHYLENE

 - . Waste code: D040
 - . Waste name: TRICHLOROETHYLENE

 - . Waste code: F003
 - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

 - . Waste code: F006
 - . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

 - . Waste code: F007
 - . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

 - . Waste code: F008
 - . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

 - . Waste code: U223
 - . Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
- Date form received by agency: 05/27/2010
- Site name: ITT INTERCONNECT SOLUTIONS
- Classification: Large Quantity Generator
-
- . Waste code: 132
 - . Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

 - . Waste code: 133
 - . Waste name: Aqueous solution with 10% or more total organic residues

 - . Waste code: 135
 - . Waste name: Unspecified aqueous solution

 - . Waste code: 181
 - . Waste name: Other inorganic solid waste

 - . Waste code: 214
 - . Waste name: Unspecified solvent mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

- . Waste code: 223
- . Waste name: Unspecified oil-containing waste

- . Waste code: 241
- . Waste name: Tank bottom waste

- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

- . Waste code: 352
- . Waste name: Other organic solids

- . Waste code: 551
- . Waste name: Laboratory waste chemicals

- . Waste code: 711
- . Waste name: Liquids with cyanides > 1000 mg/l

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D010
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

- . Waste code: U223
- . Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

- Date form received by agency: 02/28/2008
- Site name: ITT CANNON
- Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D010
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D021
- . Waste name: CHLOROBENZENE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/27/2006

Site name: ITT CANNON

Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 151
. Waste name: Asbestos-containing waste

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 213
. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

. Waste code: 214
. Waste name: Unspecified solvent mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

- . Waste code: 223
- . Waste name: Unspecified oil-containing waste

- . Waste code: 261
- . Waste name: Polychlorinated biphenyls and material containing PCB's

- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

- . Waste code: 352
- . Waste name: Other organic solids

- . Waste code: 512
- . Waste name: Other empty containers 30 gallons or more

- . Waste code: 513
- . Waste name: Empty containers less than 30 gallons

- . Waste code: 521
- . Waste name: Drilling mud

- . Waste code: 551
- . Waste name: Laboratory waste chemicals

- . Waste code: 611
- . Waste name: Contaminated soil from site clean-ups

- . Waste code: 711
- . Waste name: Liquids with cyanides > 1000 mg/l

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/28/2004

Site name: ITT INDUSTRIES, CANNON

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F009
- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F011
- . Waste name: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.
- . Waste code: U052
- . Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-
- . Waste code: U215
- . Waste name: CARBONIC ACID, DITHALLIUM(1+) SALT (OR) THALLIUM(I) CARBONATE

Date form received by agency: 02/27/2002

Site name: ITT INDUSTRIES, CANNON

Classification: Large Quantity Generator

- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues
- . Waste code: 171
- . Waste name: Metal sludge (see 121)
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 214
- . Waste name: Unspecified solvent mixture
- . Waste code: 221
- . Waste name: Waste oil and mixed oil
- . Waste code: 223
- . Waste name: Unspecified oil-containing waste
- . Waste code: 261

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

- . Waste name: Polychlorinated biphenyls and material containing PCB's
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 351
- . Waste name: Organic solids with halogens
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 513
- . Waste name: Empty containers less than 30 gallons
- . Waste code: 711
- . Waste name: Liquids with cyanides > 1000 mg/l
- . Waste code: 725
- . Waste name: Liquids with mercury > 20 mg/l
- . Waste code: 791
- . Waste name: Liquids with pH < 2
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 10/12/2000
Site name: ITT INDUSTRIES, CANNON
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: ITT CANNON
Classification: Large Quantity Generator

Date form received by agency: 02/06/1998
Site name: ITT CANNON ELECTRIC
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: ITT CANNON ELECTRIC
Classification: Large Quantity Generator

Date form received by agency: 03/25/1996
Site name: ITT CANNON
Classification: Large Quantity Generator

Date form received by agency: 03/28/1994
Site name: ITT CANNON
Classification: Large Quantity Generator

Date form received by agency: 02/24/1992
Site name: ITT CANNON ELECTRIC
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Site name: ITT CANNON ELECTRIC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Classification: Large Quantity Generator

Date form received by agency: 08/18/1980

Site name: ITT CANNON ELECTRIC

Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 3605

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 5669

Waste code: D003

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.

Amount (Lbs): 22553

Waste code: D006

Waste name: CADMIUM

Amount (Lbs): 218919

Waste code: D007

Waste name: CHROMIUM

Amount (Lbs): 160615

Waste code: D008

Waste name: LEAD

Amount (Lbs): 5276

Waste code: D009

Waste name: MERCURY

Amount (Lbs): 39

Waste code: D011

Waste name: SILVER

Amount (Lbs): 70806

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Waste code:	D022
Waste name:	CHLOROFORM
Amount (Lbs):	39
Waste code:	D028
Waste name:	1,2-DICHLOROETHANE
Amount (Lbs):	2509
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Amount (Lbs):	2509
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	2486
Waste code:	F006
Waste name:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs):	78939
Waste code:	F007
Waste name:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS
Amount (Lbs):	7697
Waste code:	F008
Waste name:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
Amount (Lbs):	55751
Waste code:	F009
Waste name:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
Amount (Lbs):	890
Waste code:	U044
Waste name:	CHLOROFORM
Amount (Lbs):	39
Waste code:	U223
Waste name:	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T)
Amount (Lbs):	2509

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/30/2011
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/15/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/15/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 03/03/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 06/01/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/16/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: 32150
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/16/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: 32150
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/15/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Area of violation: Generators - Pre-transport
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 06/01/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 03/03/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/16/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: 32150
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 06/01/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date violation determined: 01/26/2005
Date achieved compliance: 02/16/2006
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 03/03/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 09/01/1988
Date achieved compliance: 07/11/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/12/1986
Date achieved compliance: 02/09/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/06/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/12/1986
Date achieved compliance: 02/09/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/12/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 07/23/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	07/10/2015
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/15/2014
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/09/2014
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/04/2013
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	11/16/2012
Evaluation:	FACILITY SELF DISCLOSURE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	05/16/2012
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/30/2011
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/28/2010
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/25/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Evaluation date: 03/01/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/16/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Evaluation date: 02/16/2006
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/01/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/26/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/16/2006
Evaluation lead agency: EPA

Evaluation date: 01/26/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 01/26/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/16/2006
Evaluation lead agency: EPA

Evaluation date: 01/26/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 02/16/2006
Evaluation lead agency: EPA

Evaluation date: 01/24/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/14/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/28/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/15/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/01/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/11/1995
Evaluation lead agency: State

Evaluation date: 09/01/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/07/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/12/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/12/1986
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 02/09/1987
Evaluation lead agency: State

ENVIROSTOR:

Facility ID: 60001274
Status: Refer: RWQCB
Status Date: 01/11/2011
Site Code: 401521
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Eileen Mananian

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.70856
Longitude: -117.8567
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 401521
Alias Type: Project Code (Site Code)
Alias Name: 60001274
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 01/10/2011
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

Facility ID: 71002432
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.70853
Longitude: -117.8566
APN: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD049974231
Alias Type: EPA Identification Number
Alias Name: 71002432
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
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

LUST:

Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900424
Global Id: T0605900424
Latitude: 33.7084638
Longitude: -117.8589083
Status: Open - Remediation
Status Date: 02/25/2008
Case Worker: NOM
RB Case Number: 083000530T
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: Trichloroethylene (TCE)
Site History: .

LUST:

Global Id: T0605900424
Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: nolson-martin@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0605900424
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date:	09/01/2010
Action:	Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/31/2010
Action:	Well Destruction Report
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/27/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/02/2007
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/11/2007
Action:	13308 Time Schedule Order
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/30/2010
Action:	Well Destruction Workplan
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/05/2010
Action:	Other Workplan
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	08/31/2015
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/07/2012
Action:	Other Workplan
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	05/05/2005
Action:	Remedial Progress Report
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	08/01/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/30/2005
Action:	NPDES / WDR Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/30/2010
Action:	Meeting
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/17/2004
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/31/2012
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	09/15/2008
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/03/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/30/2016
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	09/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/03/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/18/2006
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/28/2005
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/26/2005
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date: 02/09/2006
Action: * No Action

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 07/21/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900424
Action Type: RESPONSE
Date: 05/28/2014
Action: Other Report / Document - Regulator Responded

Global Id: T0605900424
Action Type: RESPONSE
Date: 02/07/2014
Action: Other Workplan - Regulator Responded

Global Id: T0605900424
Action Type: RESPONSE
Date: 12/31/2014
Action: Site Assessment Report - Regulator Responded

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 11/10/2016
Action: Meeting

Global Id: T0605900424
Action Type: RESPONSE
Date: 08/21/2012
Action: Other Workplan

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 10/28/2016
Action: Staff Letter

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 05/27/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 12/03/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900424
Action Type: RESPONSE
Date: 02/04/2015
Action: Other Workplan - Regulator Responded

Global Id: T0605900424
Action Type: RESPONSE
Date: 03/21/2017
Action: CAP/RAP - Other Report - Regulator Responded

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 07/17/2003
Action: * Verbal Communication

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 01/21/2004
Action: * No Action

Global Id: T0605900424
Action Type: RESPONSE
Date: 11/02/2016
Action: Email Correspondence

Global Id: T0605900424
Action Type: RESPONSE
Date: 01/06/2017
Action: Email Correspondence

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 04/29/2003
Action: * No Action

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 09/18/2002
Action: * Verbal Communication

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 10/30/2002
Action: File review

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 05/21/2004
Action: * No Action

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 03/12/2003
Action: * No Action

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 06/12/2003
Action: * No Action

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 10/15/2002
Action: Staff Letter

Global Id: T0605900424
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date:	03/26/2002
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/26/2002
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/24/2002
Action:	File review
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/15/2002
Action:	File review
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/28/2002
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/03/2002
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/28/2002
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	12/19/2002
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/16/2003
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/03/2003
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/26/2002
Action:	Meeting
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/18/2014
Action:	Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/09/2014
Action:	Meeting
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/01/2016
Action:	Verbal Enforcement
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/28/2013
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/01/2005
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	02/05/2004
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/24/2005
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/09/2004
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	11/19/2004
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/22/2004
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/15/2005
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/28/2017
Action:	Email Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date:	12/20/2017
Action:	Email Correspondence
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/04/2006
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/17/2004
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/13/2006
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/06/2005
Action:	File review
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	05/05/2005
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/20/2006
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/18/2005
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/25/2007
Action:	File review
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/30/2005
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/21/2005
Action:	* No Action
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	07/30/2003
Action:	Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/17/2018
Action:	Email Correspondence
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/12/2002
Action:	Prospective Purchaser's Agreement
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/09/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/18/2016
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/16/2011
Action:	Meeting
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/09/2017
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/20/2008
Action:	NPDES Permit
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/14/2008
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	12/20/2010
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/26/2006
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/03/2006
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date:	03/30/2006
Action:	Remedial Progress Report
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/30/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/30/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	05/27/2015
Action:	Other Workplan - Regulator Responded
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/05/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900424
Action Type:	REMEDIATION
Date:	01/14/1998
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0605900424
Action Type:	REMEDIATION
Date:	01/01/1999
Action:	Excavation
Global Id:	T0605900424
Action Type:	REMEDIATION
Date:	11/01/1992
Action:	Excavation
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	09/30/2007
Action:	Remedial Progress Report
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/30/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/28/2008
Action:	Remedial Progress Report
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	08/30/2007
Action:	Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/12/2016
Action:	Other Report / Document - Regulator Responded
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	05/03/2017
Action:	Email Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/01/2013
Action:	Soil and Water Investigation Report - Regulator Responded
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	05/13/2015
Action:	Meeting
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	09/17/2013
Action:	Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	08/29/2013
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/13/2009
Action:	Meeting
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/30/2017
Action:	Monitoring Report - Other
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	07/30/2015
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	05/30/2004
Action:	Other Report / Document
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	05/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date:	05/30/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/28/2018
Action:	Email Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/05/2017
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	08/23/2017
Action:	Email Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	07/22/2017
Action:	Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	08/18/2017
Action:	Email Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/28/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	09/12/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/09/2006
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/30/2005
Action:	Other Report / Document
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/24/2015
Action:	Email Correspondence - Regulator Responded
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	10/09/2015
Action:	CAP/RAP - Other Report - Regulator Responded

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/30/2005
Action:	Remedial Progress Report
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	08/03/2006
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/17/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/11/2011
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	05/06/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/06/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/30/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/29/2011
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	09/30/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	09/30/2002
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	10/30/2002
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date:	01/30/2003
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/28/2003
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	08/30/2002
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/30/2002
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	05/31/2005
Action:	Remedial Progress Report
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	08/17/2005
Action:	Remedial Progress Report
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/30/2016
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/01/2017
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/15/2006
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/09/2007
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/16/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/30/2003
Action:	NPDES / WDR Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	05/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/30/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	10/01/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/22/2011
Action:	Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/19/2011
Action:	Soil and Water Investigation Workplan
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/11/2012
Action:	Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/21/2012
Action:	Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/09/2012
Action:	Other Report / Document
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/30/2012
Action:	Monitoring Report - Other
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/02/2000
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date: 01/05/2017
Action: Meeting - #1/5/2017

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 03/12/1999
Action: Staff Letter

Global Id: T0605900424
Action Type: RESPONSE
Date: 09/24/2014
Action: Monitoring Report - Quarterly

Global Id: T0605900424
Action Type: RESPONSE
Date: 03/11/2015
Action: Email Correspondence

Global Id: T0605900424
Action Type: RESPONSE
Date: 02/18/2008
Action: Other Workplan

Global Id: T0605900424
Action Type: RESPONSE
Date: 02/03/2010
Action: Correspondence

Global Id: T0605900424
Action Type: RESPONSE
Date: 02/03/2010
Action: Verbal Communication

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 03/03/2010
Action: Meeting

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 05/10/2010
Action: Staff Letter

Global Id: T0605900424
Action Type: RESPONSE
Date: 01/30/2005
Action: Remedial Progress Report

Global Id: T0605900424
Action Type: RESPONSE
Date: 02/01/2005
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: RESPONSE
Date: 06/30/2004
Action: NPDES / WDR Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/12/2000
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/02/2016
Action:	Meeting
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/16/2017
Action:	Meeting
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/06/2001
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/16/2016
Action:	Meeting
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/21/2017
Action:	Other Workplan - Regulator Responded
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	12/06/2006
Action:	Verbal Enforcement
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	02/21/2007
Action:	Verbal Enforcement
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/08/2006
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/14/2007
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	05/18/2007
Action:	NPDES Permit
Global Id:	T0605900424
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date: 03/07/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 09/11/2006
Action: Verbal Communication

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 05/11/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 08/27/2007
Action: Staff Letter

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 01/09/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900424
Action Type: RESPONSE
Date: 09/28/2016
Action: CAP/RAP - Other Report - Regulator Responded

Global Id: T0605900424
Action Type: RESPONSE
Date: 11/30/2016
Action: CAP/RAP - Other Report - Regulator Responded

Global Id: T0605900424
Action Type: RESPONSE
Date: 06/30/2017
Action: Monitoring Report - Other - Regulator Responded

Global Id: T0605900424
Action Type: RESPONSE
Date: 06/16/2016
Action: Other Report / Document - Regulator Responded

Global Id: T0605900424
Action Type: REMEDIATION
Date: 01/01/1999
Action: Other (Use Description Field)

Global Id: T0605900424
Action Type: RESPONSE
Date: 03/13/2014
Action: Other Workplan - Regulator Responded

Global Id: T0605900424
Action Type: RESPONSE
Date: 06/06/2012
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/30/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/30/2003
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	05/30/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/29/2017
Action:	Meeting
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/30/2007
Action:	Waste Discharge Requirements
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/21/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/18/2008
Action:	Meeting
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/30/2008
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/21/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	05/11/2016
Action:	Meeting
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	07/09/2010
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date: 02/07/2002
Action: Prospective Purchaser's Agreement

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 03/28/2011
Action: Staff Letter

Global Id: T0605900424
Action Type: RESPONSE
Date: 07/08/2014
Action: Monitoring Report - Quarterly

Global Id: T0605900424
Action Type: RESPONSE
Date: 09/08/2014
Action: Email Correspondence

Global Id: T0605900424
Action Type: RESPONSE
Date: 07/17/2006
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: RESPONSE
Date: 10/30/2006
Action: Well Installation Report

Global Id: T0605900424
Action Type: RESPONSE
Date: 12/17/2010
Action: Soil and Water Investigation Workplan

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 11/01/2002
Action: Staff Letter

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 11/20/2003
Action: * No Action

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 07/21/2003
Action: Staff Letter

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 12/15/2004
Action: * No Action

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 11/27/2002
Action: File review

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/30/2003
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/15/2003
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	05/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	Other
Date:	07/31/1985
Action:	Leak Reported
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/01/2017
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/20/2017
Action:	Other Report / Document
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	07/21/2005
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	REMEDIATION
Date:	06/18/2001
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/07/2012
Action:	Meeting
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	09/14/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/01/2005
Action:	Remedial Progress Report
Global Id:	T0605900424
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date: 12/28/2010
Action: Correspondence

Global Id: T0605900424
Action Type: RESPONSE
Date: 06/28/2013
Action: Monitoring Report - Quarterly

Global Id: T0605900424
Action Type: RESPONSE
Date: 05/05/2011
Action: Site Assessment Report - Regulator Responded

Global Id: T0605900424
Action Type: RESPONSE
Date: 04/30/2007
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: RESPONSE
Date: 03/30/2007
Action: Remedial Progress Report

Global Id: T0605900424
Action Type: RESPONSE
Date: 05/30/2007
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 01/14/2009
Action: Verbal Enforcement

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 02/27/2009
Action: Meeting

Global Id: T0605900424
Action Type: RESPONSE
Date: 05/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 02/04/2004
Action: * Verbal Communication

Global Id: T0605900424
Action Type: RESPONSE
Date: 12/06/2011
Action: Monitoring Report - Quarterly

Global Id: T0605900424
Action Type: RESPONSE
Date: 12/12/2013
Action: Monitoring Report - Semi-Annually

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/20/2017
Action:	Email Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/30/2016
Action:	Correspondence
Global Id:	T0605900424
Action Type:	Other
Date:	07/31/1985
Action:	Leak Stopped
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/07/2001
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	07/30/2016
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	07/15/2014
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/30/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/25/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/30/2005
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/28/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date: 02/28/2005
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 05/19/2017
Action: Staff Letter

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 03/01/2016
Action: Verbal Enforcement

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 03/30/2017
Action: Meeting

Global Id: T0605900424
Action Type: RESPONSE
Date: 12/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0605900424
Action Type: RESPONSE
Date: 10/01/2012
Action: Monitoring Report - Quarterly

Global Id: T0605900424
Action Type: RESPONSE
Date: 06/11/2014
Action: Correspondence

Global Id: T0605900424
Action Type: RESPONSE
Date: 05/29/2015
Action: Email Correspondence

Global Id: T0605900424
Action Type: RESPONSE
Date: 06/20/2014
Action: Correspondence

Global Id: T0605900424
Action Type: RESPONSE
Date: 12/30/2007
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: RESPONSE
Date: 11/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900424
Action Type: RESPONSE
Date: 09/06/2006
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/30/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/14/2007
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	REMEDIATION
Date:	07/18/2007
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/10/2007
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	11/30/2004
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	07/11/2005
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/30/2004
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	12/07/2004
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/17/2005
Action:	* No Action
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/27/2015
Action:	Email Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/24/2016
Action:	Monitoring Report - Other
Global Id:	T0605900424
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date: 01/05/2016
Action: Email Correspondence

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 06/12/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 08/17/2005
Action: Meeting

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 09/08/2005
Action: * Verbal Communication

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 12/09/2005
Action: * No Action

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 08/08/2005
Action: * No Action

Global Id: T0605900424
Action Type: RESPONSE
Date: 06/06/2017
Action: Monitoring Report - Other

Global Id: T0605900424
Action Type: RESPONSE
Date: 11/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 02/25/2016
Action: Meeting

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 03/25/2016
Action: Waste Discharge Requirements

Global Id: T0605900424
Action Type: RESPONSE
Date: 12/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: RESPONSE
Date: 12/30/2004
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/10/2014
Action:	Other Workplan - Regulator Responded
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	12/21/2011
Action:	Meeting
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	12/13/2006
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/31/2017
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/04/2002
Action:	Prospective Purchaser's Agreement
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/06/2016
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	02/24/2006
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/18/2003
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	07/19/2017
Action:	Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/03/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date: 08/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0605900424
Action Type: RESPONSE
Date: 03/30/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0605900424
Action Type: RESPONSE
Date: 06/30/2006
Action: Remedial Progress Report

Global Id: T0605900424
Action Type: RESPONSE
Date: 05/30/2006
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: RESPONSE
Date: 04/30/2006
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 04/24/2015
Action: Waste Discharge Requirements

Global Id: T0605900424
Action Type: RESPONSE
Date: 02/19/2013
Action: Other Report / Document - Regulator Responded

Global Id: T0605900424
Action Type: ENFORCEMENT
Date: 06/19/2014
Action: Meeting

Global Id: T0605900424
Action Type: RESPONSE
Date: 10/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0605900424
Action Type: RESPONSE
Date: 10/30/2002
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0605900424
Action Type: RESPONSE
Date: 03/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900424
Action Type: RESPONSE
Date: 02/27/2004
Action: NPDES / WDR Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	09/13/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	10/30/2004
Action:	Remedial Progress Report
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	12/04/2007
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/26/2014
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/30/2006
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/12/2003
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/23/2003
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	05/31/2005
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	07/11/2003
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	07/18/2003
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	07/17/2003
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date:	08/13/2003
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/15/2003
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/14/2003
Action:	Meeting
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	05/07/2004
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	05/08/2004
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/16/2004
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/20/2005
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/13/2004
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/06/2004
Action:	* No Action
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/08/2007
Action:	Remedial Progress Report
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/08/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/30/2015
Action:	Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/26/2011
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/24/2016
Action:	Monitoring Report - Other - Regulator Responded
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	06/27/2017
Action:	Well Installation Workplan - Regulator Responded
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/15/2016
Action:	Correspondence - Regulator Responded
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	10/30/2004
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	06/01/2016
Action:	Meeting
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/17/2010
Action:	Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/18/2017
Action:	Meeting
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	07/06/1999
Action:	Staff Letter
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/18/2002
Action:	Prospective Purchaser's Agreement
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/25/2002
Action:	Prospective Purchaser's Agreement
Global Id:	T0605900424
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Date:	12/31/2010
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/14/2011
Action:	Other Report / Document
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	12/30/2010
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	REMEDIATION
Date:	01/01/2004
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/30/2006
Action:	NPDES / WDR Reports
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	07/30/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	01/31/2011
Action:	Correspondence
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	03/18/2011
Action:	Other Report / Document
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	09/16/2008
Action:	Verbal Enforcement
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/30/2008
Action:	NPDES Permit
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	09/15/2016
Action:	CAP/RAP - Other Report - Regulator Responded
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	04/27/2017
Action:	Monitoring Report - Other - Regulator Responded

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/18/2005
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	03/08/2005
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	12/14/2005
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	01/19/2005
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	02/18/2005
Action:	* No Action
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	08/29/2005
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	04/19/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/25/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900424
Action Type:	ENFORCEMENT
Date:	10/01/2004
Action:	* Verbal Communication
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	11/01/2017
Action:	Monitoring Report - Quarterly
Global Id:	T0605900424
Action Type:	RESPONSE
Date:	02/28/2010
Action:	Monitoring Report - Quarterly
LUST:	
Global Id:	T0605900424

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Status:	Open - Case Begin Date
Status Date:	07/20/1987
Global Id:	T0605900424
Status:	Open - Site Assessment
Status Date:	07/20/1987
Global Id:	T0605900424
Status:	Open - Site Assessment
Status Date:	09/27/1996
Global Id:	T0605900424
Status:	Open - Remediation
Status Date:	05/13/1997
Global Id:	T0605900424
Status:	Open - Remediation
Status Date:	09/01/1998
Global Id:	T0605900424
Status:	Open - Site Assessment
Status Date:	02/06/2001
Global Id:	T0605900424
Status:	Open - Remediation
Status Date:	06/18/2001
Global Id:	T0605900424
Status:	Open - Remediation
Status Date:	10/24/2002
Global Id:	T0605900424
Status:	Open - Remediation
Status Date:	06/16/2003
Global Id:	T0605900424
Status:	Open - Remediation
Status Date:	10/13/2004
Global Id:	T0605900424
Status:	Open - Remediation
Status Date:	01/13/2005
Global Id:	T0605900424
Status:	Open - Remediation
Status Date:	05/04/2005
Global Id:	T0605900424
Status:	Open - Remediation
Status Date:	05/31/2005
Global Id:	T0605900424
Status:	Open - Remediation
Status Date:	08/17/2005
Global Id:	T0605900424
Status:	Open - Remediation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Status Date: 11/04/2005

Global Id: T0605900424
Status: Open - Remediation
Status Date: 03/27/2006

Global Id: T0605900424
Status: Open - Remediation
Status Date: 06/11/2006

Global Id: T0605900424
Status: Open - Remediation
Status Date: 01/08/2007

Global Id: T0605900424
Status: Open - Remediation
Status Date: 03/05/2007

Global Id: T0605900424
Status: Open - Remediation
Status Date: 09/27/2007

Global Id: T0605900424
Status: Open - Remediation
Status Date: 02/25/2008

SWEEPS UST:

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000001
Tank Status: Not reported
Capacity: 1200
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: 13

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000002
Tank Status: Not reported
Capacity: 60
Active Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000003
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000004
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000005
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000006
Tank Status: Not reported
Capacity: 1662
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000007
Tank Status: Not reported
Capacity: 200
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000008
Tank Status: Not reported
Capacity: 100
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000009
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000010
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000011
Tank Status: Not reported
Capacity: 400
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000012
Tank Status: Not reported
Capacity: 100
Active Date: Not reported
Tank Use: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 56
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-020-000056-000013
Tank Status: Not reported
Capacity: 300
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

HIST UST:

File Number: 0002EA10
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EA10.pdf>
Region: STATE
Facility ID: 00000008400
Facility Type: Other
Other Type: MANUFACTURING
Contact Name: RUSSELL L. BROWN
Telephone: 7145574700
Owner Name: ITT CANNON DIVISION
Owner Address: 666 E. DYER ROAD
Owner City,St,Zip: SANTA ANA, CA 92705
Total Tanks: 0020

Tank Num: 001
Container Num: SUMP #6
Year Installed: 1982
Tank Capacity: 00001200
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: 002
Container Num: SUMP #5
Year Installed: 1981
Tank Capacity: 00000060
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: 003
Container Num: SUMP #1
Year Installed: Not reported
Tank Capacity: 00000060

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: 004
Container Num: TANK #8
Year Installed: 1980
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 005
Container Num: TANK #7
Year Installed: 1980
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 006
Container Num: TANK #2
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 007
Container Num: SUMP #3
Year Installed: Not reported
Tank Capacity: 00000060
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: 008
Container Num: WASHER #4
Year Installed: Not reported
Tank Capacity: 00000060
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 009
Container Num: WT-23
Year Installed: 1971
Tank Capacity: 00001662
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Leak Detection:	Visual
Tank Num:	010
Container Num:	WT-24
Year Installed:	1971
Tank Capacity:	00001662
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual
Tank Num:	011
Container Num:	WT-25
Year Installed:	1982
Tank Capacity:	00006625
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.5
Leak Detection:	Not reported
Tank Num:	012
Container Num:	WT-26
Year Installed:	1982
Tank Capacity:	00002225
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.5
Leak Detection:	Not reported
Tank Num:	013
Container Num:	WT-28
Year Installed:	1971
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	None
Tank Num:	014
Container Num:	WT-29
Year Installed:	1971
Tank Capacity:	00000100
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	None
Tank Num:	015
Container Num:	TALBERT #1
Year Installed:	1978
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Container Num: 9
Year Installed: Not reported
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: 017
Container Num: 10
Year Installed: 1980
Tank Capacity: 00000400
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 018
Container Num: 0000000001
Year Installed: Not reported
Tank Capacity: 00000100
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 019
Container Num: 12
Year Installed: Not reported
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: 020
Container Num: 13
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

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

CA FID UST:

Facility ID: 30000634
Regulated By: UTNKA
Regulated ID: 00008400
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145574700
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92702

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHMIRS:

OES Incident Number: 16-5138
OES notification: 08/24/2016
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp 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: No
Waterway: n/a
Spill Site: Industrial Plant
Cleanup By: Contractor
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Type: CHEMICAL
Measure: Gal(s)
Other: Not reported
Date/Time: 1000
Year: 2016
Agency: ITT Corp
Incident Date: 08/22/2016
Admin Agency: Santa Ana Fire Department
Amount: Not reported
Contained: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Site Type: n/a
E Date: Not reported
Substance: unknown acid
Quantity Released: 5
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported
#1 Pipeline: No
#2 Pipeline: No
#3 Pipeline: No
#1 Vessel >= 300 Tons: No
#2 Vessel >= 300 Tons: No
#3 Vessel >= 300 Tons: No
Evacs: No
Injuries: No
FataIs: No
Comments: Not reported
Description: RP states: Unknown reactive substance, assumes some kind of acid, coming from business next door; approximately 5 gallons has released onto the parking lot of ITT Corp property which is vacant. There is more chemical on the property next door; however, t

Orange Co. Industrial Site:

Case ID: 90IC004
Record ID: RO0000272
Current Status: CLOSED 1/25/1993
Closure Type: Closed pre 1994, file review required to determine closure type
Released Chemical: DIOXIN / PCBs

ICIS:

Enforcement Action ID: HQ-2001-8000
FRS ID: 110000480587
Action Name: ITT CANNON
Facility Name: ITT CANNON
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684
Enforcement Action Type: EPCRA 325 Action For Penalty
Facility County: ORANGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 325
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708566
Longitude in Decimal Degrees: -117.85724
Permit Type Desc: Not reported
Program System Acronym: 26104
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: HQ-2000-3094

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

FRS ID: 110000480587
Action Name: ITT CANNON
Facility Name: ITT CANNON
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684
Enforcement Action Type: EPCRA 325 Action For Penalty
Facility County: ORANGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 325
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708566
Longitude in Decimal Degrees: -117.85724
Permit Type Desc: Not reported
Program System Acronym: 26104
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON LLC
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684
Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: NCDB
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708559
Longitude in Decimal Degrees: -117.856653
Permit Type Desc: Not reported
Program System Acronym: C11#E-NOD-HQ-00-003
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON LLC
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684
Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: NEI
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708559
Longitude in Decimal Degrees: -117.856653
Permit Type Desc: Not reported
Program System Acronym: NEI22110
Facility NAICS Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON LLC
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684

Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: NCDB
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708559
Longitude in Decimal Degrees: -117.856653
Permit Type Desc: Not reported
Program System Acronym: I11#20000428SC 45
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON LLC
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684

Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: NCDB
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708559
Longitude in Decimal Degrees: -117.856653
Permit Type Desc: Not reported
Program System Acronym: I09#20010301T01CA 1
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON LLC
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684

Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: NCDB
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708559
Longitude in Decimal Degrees: -117.856653

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Permit Type Desc: Not reported
Program System Acronym: I09#1987020303379 1
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684

Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708566
Longitude in Decimal Degrees: -117.85724
Permit Type Desc: Not reported
Program System Acronym: 26104
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON LLC
Facility Address: 666 E DYER RD
SANTA ANA, CA 92705

Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: 3643
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.709061
Longitude in Decimal Degrees: -117.859178
Permit Type Desc: Not reported
Program System Acronym: CASCA0000605900006
Facility NAICS Code: 335931
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON LLC
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684

Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: TRIS
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708559
Longitude in Decimal Degrees: -117.856653
Permit Type Desc: Not reported
Program System Acronym: 92705TTCNN666EA
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON LLC
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684

Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: RCRAINFO
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708559
Longitude in Decimal Degrees: -117.856653
Permit Type Desc: Not reported
Program System Acronym: CAD049974231
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON LLC
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684

Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: NCDB
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708559
Longitude in Decimal Degrees: -117.856653
Permit Type Desc: Not reported
Program System Acronym: D09#09-87-0043
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018673
FRS ID: 110000480587
Action Name: ITT Industries, Inc.
Facility Name: ITT CANNON LLC
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684

Enforcement Action Type: Notice of Determination
Facility County: ORANGE
Program System Acronym: NCDB

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOD
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708559
Longitude in Decimal Degrees: -117.856653
Permit Type Desc: Not reported
Program System Acronym: D11#E-HQ-OO-009
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060590000600097
FRS ID: 110000480587
Action Name: ITT CANNON LLC 060590000600097
Facility Name: ITT CANNON LLC
Facility Address: 666 E DYER RD
SANTA ANA, CA 92705

Enforcement Action Type: Administrative Order
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3643
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.709061
Longitude in Decimal Degrees: -117.859178
Permit Type Desc: Not reported
Program System Acronym: CASCA000006059000006
Facility NAICS Code: 335931
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060590000600096
FRS ID: 110000480587
Action Name: ITT CANNON LLC 060590000600096
Facility Name: ITT CANNON LLC
Facility Address: 666 E DYER RD
SANTA ANA, CA 92705

Enforcement Action Type: Notice of Violation
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3643
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.709061
Longitude in Decimal Degrees: -117.859178
Permit Type Desc: Not reported
Program System Acronym: CASCA000006059000006
Facility NAICS Code: 335931
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060590000600072
FRS ID: 110000480587
Action Name: ITT CANNON LLC 060590000600072
Facility Name: ITT CANNON LLC
Facility Address: 666 E DYER RD
SANTA ANA, CA 92705

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Enforcement Action Type: Administrative Order
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAO
Facility SIC Code: 3643
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.709061
Longitude in Decimal Degrees: -117.859178
Permit Type Desc: Not reported
Program System Acronym: CASCA0000605900006
Facility NAICS Code: 335931
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060590000600071
FRS ID: 110000480587
Action Name: ITT CANNON LLC 060590000600071
Facility Name: ITT CANNON LLC
Facility Address: 666 E DYER RD
SANTA ANA, CA 92705

Enforcement Action Type: Notice of Violation
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3643
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.709061
Longitude in Decimal Degrees: -117.859178
Permit Type Desc: Not reported
Program System Acronym: CASCA0000605900006
Facility NAICS Code: 335931
Tribal Land Code: Not reported

Enforcement Action ID: 09-2006-0040
FRS ID: 110000480587
Action Name: ITT Cannon Industries
Facility Name: ITT CANNON
Facility Address: 666 E. DYER RD.
SANTA ANA, CA 927055684

Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 3008A
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.708566
Longitude in Decimal Degrees: -117.85724
Permit Type Desc: Not reported
Program System Acronym: 26104
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: ITT CANNON LLC
Address: 666 E. DYER RD.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5063
Facility Name:	ITT CANNON LLC
Address:	666 E. DYER RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5063
Facility Name:	ITT CANNON LLC
Address:	666 E. DYER RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5063
Facility Name:	ITT CANNON LLC
Address:	666 E. DYER RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5063
Facility Name:	ITT CANNON LLC
Address:	666 E. DYER RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5063
Facility Name:	ITT CANNON LLC
Address:	666 E. DYER RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5063
Facility Name:	ITT CANNON LLC
Address:	666 E. DYER RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5063
Facility Name:	ITT CANNON LLC
Address:	666 E. DYER RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5063
Facility Name:	ITT CANNON LLC
Address:	666 E. DYER RD.
Tribal Indicator:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Fed Facility: No
NAIC Code: Not reported
SIC Code: 5063

Facility Name: ITT CANNON LLC
Address: 666 E. DYER RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5063

Facility Name: ITT CANNON LLC
Address: 666 E. DYER RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5063

Facility Name: ITT CANNON LLC
Address: 666 E. DYER RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5063

Facility Name: ITT CANNON LLC
Address: 666 E. DYER RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5063

FTTS:

Case Number: Not reported
Docket Number: 09-87-0043
Complaint Issue Date: 07/17/87
Abatement Amount: 0.0000
Proposed Penalty: 19000.0000
Final Assessment: 12000.0000
Final Order Date: 08/27/87
Close Date: / /
Violations(s): PCB, Use
PCB, Failure to Maintain Records

FTTS INSP:

Inspection Number: 1987020303379 1
Region: 09
Inspection Date: 02/03/87
Inspector: SCHMIT
Violation occurred: Yes
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

FINDS:

Registry ID: 110000480587

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

AIR - NOT APPLICABLE

AIR EMISSIONS CLASSIFICATION UNKNOWN

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZARDOUS AIR POLLUTANT MAJOR

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

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.

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

ECHO:

Envid: 1000106103
Registry ID: 110000480587
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000480587>

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3643
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: 261
Reactive Organic Gases Tons/Yr: 23
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3643
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: 112
Reactive Organic Gases Tons/Yr: 14
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Year: 1993
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3643
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: 15
Reactive Organic Gases Tons/Yr: 9
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

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3643
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: 15
Reactive Organic Gases Tons/Yr: 9
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

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3643
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: 21
Reactive Organic Gases Tons/Yr: 18
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3678

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

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: 28
Reactive Organic Gases Tons/Yr: 20
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 Smlr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3678
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: 23
Reactive Organic Gases Tons/Yr: 19
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 Smlr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3678
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: 28
Reactive Organic Gases Tons/Yr: 20
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 Smlr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3678
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: 28
Reactive Organic Gases Tons/Yr: 20
Carbon Monoxide Emissions Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

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

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3678
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: B
Total Organic Hydrocarbon Gases Tons/Yr: 28
Reactive Organic Gases Tons/Yr: 20
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2009
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3678
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: 3.0419662634371201
Reactive Organic Gases Tons/Yr: 2.3656422282
Carbon Monoxide Emissions Tons/Yr: 0.20999999999999999
NOX - Oxides of Nitrogen Tons/Yr: 5.1600000000000001
SOX - Oxides of Sulphur Tons/Yr: 1.5499999999999999E-3
Particulate Matter Tons/Yr: 7.0184949999999996E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:5.2149870500000001E-2

Year: 2010
County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3678
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: 3.7304914604886199
Reactive Organic Gases Tons/Yr: 2.79447
Carbon Monoxide Emissions Tons/Yr: 0.23855999999999999
NOX - Oxides of Nitrogen Tons/Yr: 6.1959999999999997
SOX - Oxides of Sulphur Tons/Yr: 1.6999999999999999E-3
Particulate Matter Tons/Yr: 8.7207442999999996E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:6.7544414169999997E-2

Year: 2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

County Code: 30
Air Basin: SC
Facility ID: 22364
Air District Name: SC
SIC Code: 3678
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: 5.0203600863
Reactive Organic Gases Tons/Yr: 4.26027
Carbon Monoxide Emissions Tons/Yr: 0.2709
NOX - Oxides of Nitrogen Tons/Yr: 4.93
SOX - Oxides of Sulphur Tons/Yr: 0.00193
Particulate Matter Tons/Yr: 0.090111882481
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.070484957671

Year: 2012
County Code: 30
Air Basin: SC
Facility ID: 169678
Air District Name: SC
SIC Code: 3643
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: 2.1173357282
Reactive Organic Gases Tons/Yr: 1.700558305
Carbon Monoxide Emissions Tons/Yr: 0.22537
NOX - Oxides of Nitrogen Tons/Yr: 5.101
SOX - Oxides of Sulphur Tons/Yr: 0.0016
Particulate Matter Tons/Yr: 0.08595464
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.0663039816

Year: 2013
County Code: 30
Air Basin: SC
Facility ID: 169678
Air District Name: SC
SIC Code: 3643
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: 3.9572395757
Reactive Organic Gases Tons/Yr: 3.0153
Carbon Monoxide Emissions Tons/Yr: 0.2646
NOX - Oxides of Nitrogen Tons/Yr: 5.329
SOX - Oxides of Sulphur Tons/Yr: 0.00189
Particulate Matter Tons/Yr: 0.08950008381
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.069860815924

Year: 2014
County Code: 30
Air Basin: SC
Facility ID: 169678
Air District Name: SC
SIC Code: 3643
Air District Name: SOUTH COAST AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3.7858621434
Reactive Organic Gases Tons/Yr: 2.8974
Carbon Monoxide Emissions Tons/Yr: 0.20454
NOX - Oxides of Nitrogen Tons/Yr: 5.42337
SOX - Oxides of Sulphur Tons/Yr: 0.00146
Particulate Matter Tons/Yr: 0.08419
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.064496

Year: 2015
County Code: 30
Air Basin: SC
Facility ID: 169678
Air District Name: SC
SIC Code: 3643
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: 2.1806820082
Reactive Organic Gases Tons/Yr: 1.578421544
Carbon Monoxide Emissions Tons/Yr: 0.065863
NOX - Oxides of Nitrogen Tons/Yr: 3.7897195
SOX - Oxides of Sulphur Tons/Yr: 0.00112908
Particulate Matter Tons/Yr: 0.1188658792
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.08355214794

NPDES:

Npdes Number: CAS000002
Facility Status: Active
Agency Id: 0
Region: 8
Regulatory Measure Id: 487037
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 30C381185
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 09/25/2017
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: ITT LLC
Discharge Address: 56 Technology Drive
Discharge City: Irvine
Discharge State: California
Discharge Zip: 92618
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported
FACILITY CONTACT PHONE EXT: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

Npdes Number:	CAS000001
Facility Status:	Terminated
Agency Id:	0
Region:	8
Regulatory Measure Id:	421196
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I023379
Program Type:	Industrial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/19/2011
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	06/30/2016
Discharge Name:	ITT Cannon LLC
Discharge Address:	666 East Dyer Rd
Discharge City:	Santa Ana
Discharge State:	California
Discharge Zip:	92705
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	421196
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30I023379
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	06/30/2016
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	10/19/2011
PROCESSED DATE:	10/19/2011
STATUS CODE NAME:	Terminated
STATUS DATE:	08/16/2016
PLACE SIZE:	36
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Lorraine Sedlak
FACILITY CONTACT TITLE:	Director ESHS
FACILITY CONTACT PHONE:	714-628-2164
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	lorraine.sedlak@itt.com
OPERATOR NAME:	ITT Cannon LLC
OPERATOR ADDRESS:	666 East Dyer Rd
OPERATOR CITY:	Santa Ana
OPERATOR STATE:	California
OPERATOR ZIP:	92705
OPERATOR CONTACT NAME:	Lorraine Sedlak
OPERATOR CONTACT TITLE:	Director ESHS
OPERATOR CONTACT PHONE:	714-628-2164
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	lorraine.sedlak@itt.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Newport Bay
CERTIFIER NAME:	Lorraine Sedlak
CERTIFIER TITLE:	Director ESHS
CERTIFICATION DATE:	29-MAY-15
PRIMARY SIC:	3678-Electronic Connectors
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

CIWQS:

Agency:	ITT Cannon LLC
Agency Address:	666 East Dyer Rd, Santa Ana, CA 92705
Place/Project Type:	Industrial - Electronic Connectors
SIC/NAICS:	3678
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 30I023379
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	10/19/2011
Termination Date:	06/30/2016
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.70852
Longitude:	-117.85665

Agency:	ITT LLC
Agency Address:	56 Technology Drive, Irvine, CA 92618
Place/Project Type:	Construction - Commercial, Industrial
SIC/NAICS:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT CANNON LLC (Continued)

1000106103

Region: 8
Program: CONSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 8 30C381185
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 09/25/2017
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.70826
Longitude: -117.85784

128
NE
1/2-1
0.994 mi.
5247 ft.

**TUSTIN PARCEL A
2300 BLOCK EDINGER AVENUE
TUSTIN, CA 92680**

**ENVIROSTOR S100270074
N/A**

**Relative:
Higher
Actual:
82 ft.**

ENVIROSTOR:
Facility ID: 30970005
Status: No Further Action
Status Date: 06/23/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.7149
Longitude: -117.8151
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30970005
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSTIN PARCEL A (Continued)

S100270074

Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/21/1992
Comments: 2/8/91: Navy requested PEA oversight of Navy Housing devel. on base, south of Edinger Ave. around the 2300 blo. identified as Parcel A containing Site A-1 (approx. 7.5 acres) and Site A-2 (approx. 14 acres) south- west and adjacent to Site A-1. 4/12/91: Navy transmitted \$23,694 to cover PEA fee for 3 PEAs to be submitted after field data compiled. 1/21/92: DTSC sent comments on PEA report submitted 11/21/91 requesting that comments be addressed within 30 days in order for Department's concurrence in NFA.

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

Count: 0 records.

ORPHAN SUMMARY

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/06/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/16/2018	Source: Department of the Navy
Date Data Arrived at EDR: 02/22/2018	Telephone: 843-820-7326
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/09/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 02/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 02/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/19/2018

Date Data Arrived at EDR: 03/27/2018

Date Made Active in Reports: 06/08/2018

Number of Days to Update: 73

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

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

Date of Government Version: 01/30/2018

Date Data Arrived at EDR: 01/31/2018

Date Made Active in Reports: 03/19/2018

Number of Days to Update: 47

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 05/02/2018

Next Scheduled EDR Contact: 08/13/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 01/30/2018

Date Data Arrived at EDR: 01/31/2018

Date Made Active in Reports: 03/19/2018

Number of Days to Update: 47

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 05/02/2018

Next Scheduled EDR Contact: 08/13/2018

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 02/12/2018

Date Data Arrived at EDR: 02/14/2018

Date Made Active in Reports: 04/03/2018

Number of Days to Update: 48

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 05/16/2018

Next Scheduled EDR Contact: 08/27/2018

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 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: 03/12/2018

Date Data Arrived at EDR: 03/14/2018

Date Made Active in Reports: 03/21/2018

Number of Days to Update: 7

Source: State Water Resources Control Board

Telephone: see region list

Last EDR Contact: 06/13/2018

Next Scheduled EDR Contact: 09/24/2018

Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001

Date Data Arrived at EDR: 04/23/2001

Date Made Active in Reports: 05/21/2001

Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-637-5595

Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012

Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005

Date Data Arrived at EDR: 02/15/2005

Date Made Active in Reports: 03/28/2005

Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-4496

Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011

Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005

Date Data Arrived at EDR: 06/07/2005

Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365

Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003

Date Data Arrived at EDR: 09/10/2003

Date Made Active in Reports: 10/07/2003

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572

Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: No Update Planned

LUST REG 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

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

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

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: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/24/2017	Source: EPA Region 10
Date Data Arrived at EDR: 01/23/2018	Telephone: 206-553-2857
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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: 10/14/2017	Source: EPA Region 1
Date Data Arrived at EDR: 01/23/2018	Telephone: 617-918-1313
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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

Date of Government Version: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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

Date of Government Version: 01/06/2018	Source: EPA Region 6
Date Data Arrived at EDR: 01/23/2018	Telephone: 214-665-6597
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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

Date of Government Version: 10/16/2017	Source: EPA, Region 5
Date Data Arrived at EDR: 01/23/2018	Telephone: 312-886-7439
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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

Date of Government Version: 10/12/2017	Source: EPA Region 7
Date Data Arrived at EDR: 01/23/2018	Telephone: 913-551-7003
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

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

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

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

SLIC REG 7: SLIC List

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

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

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

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

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

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

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

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

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

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

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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 15

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
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: 06/21/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

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: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/13/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-7591
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 05/18/2018
Number of Days to Update: 134	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/30/2017	Source: EPA Region 9
Date Data Arrived at EDR: 01/23/2018	Telephone: 415-972-3368
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2017	Source: EPA Region 10
Date Data Arrived at EDR: 01/23/2018	Telephone: 206-553-2857
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-9424
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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: 10/16/2017	Source: EPA Region 5
Date Data Arrived at EDR: 01/23/2018	Telephone: 312-886-6136
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

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

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/21/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/08/2018
Date Data Arrived at EDR: 02/09/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 39

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

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

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

SCH: School Property Evaluation Program

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

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

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

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

US CDL: Clandestine Drug Labs

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

CERS HAZ WASTE: CERS HAZ WASTE

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

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 02/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 01/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 46

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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

Date of Government Version: 02/08/2018
Date Data Arrived at EDR: 02/08/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 0

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 04/06/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-845-8400
Date Made Active in Reports: 06/14/2018	Last EDR Contact: 04/24/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/06/2018
	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: 03/12/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

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

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 09/24/2018
	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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/07/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 05/08/2018
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 03/23/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 07/02/2018
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 05/25/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/09/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 703-416-0223
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 11/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2017	Telephone: 202-564-8600
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 04/20/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 05/30/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/13/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 05/03/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/20/2018
	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: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/07/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/04/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/03/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2018	Telephone: 202-343-9775
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 04/05/2018
Number of Days to Update: 99	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 05/03/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 79

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 01/25/2018
Date Data Arrived at EDR: 02/28/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 72

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018	Source: Department of Interior
Date Data Arrived at EDR: 03/13/2018	Telephone: 202-208-2609
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/20/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018	Source: EPA
Date Data Arrived at EDR: 02/23/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016	Source: Department of Defense
Date Data Arrived at EDR: 10/31/2017	Telephone: 703-704-1564
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 04/13/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-0527
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 06/01/2018
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/10/2018
	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: 02/25/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/17/2018	Telephone: 202-564-2280
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 30

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO

Cupa facilities

Date of Government Version: 04/20/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

DRYCLEAN AVAQMD: DRYCLEAN AVAQMD

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/16/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 36

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 54

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/20/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/14/2018
Date Data Arrived at EDR: 02/16/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 46

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/20/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/21/2018	Telephone: 877-786-9427
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 05/23/2018
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/20/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/21/2018	Telephone: 916-323-3400
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 05/23/2018
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/09/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/11/2018	Telephone: 916-440-7145
Date Made Active in Reports: 06/19/2018	Last EDR Contact: 04/11/2018
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/12/2018	Source: Department of Conservation
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-322-1080
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/27/2018	Source: Department of Public Health
Date Data Arrived at EDR: 03/05/2018	Telephone: 916-558-1784
Date Made Active in Reports: 04/16/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 03/14/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-445-9379
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

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

Date of Government Version: 03/05/2018	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 03/05/2018	Telephone: 916-445-4038
Date Made Active in Reports: 04/19/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/12/2018	Source: Department of Conservation
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-323-3836
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 03/23/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/27/2018	Telephone: 916-445-3846
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/14/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/12/2018	Source: Department of Conservation
Date Data Arrived at EDR: 03/14/2018	Telephone: 916-445-2408
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/10/2018	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 04/13/2018	Telephone: 559-445-5577
Date Made Active in Reports: 06/19/2018	Last EDR Contact: 04/13/2018
Number of Days to Update: 67	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007

Date Data Arrived at EDR: 06/20/2007

Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227

Last EDR Contact: 05/16/2018

Next Scheduled EDR Contact: 09/03/2018

Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009

Date Data Arrived at EDR: 07/21/2009

Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726

Last EDR Contact: 03/21/2018

Next Scheduled EDR Contact: 07/09/2018

Data Release Frequency: Varies

UIC GEO: UIC GEO (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/12/2018

Date Data Arrived at EDR: 03/14/2018

Date Made Active in Reports: 05/04/2018

Number of Days to Update: 51

Source: State Water Resource Control Board

Telephone: 866-480-1028

Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018

Data Release Frequency: Varies

PROD WATER PONDS: PROD WATER PONDS (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/12/2018

Date Data Arrived at EDR: 03/14/2018

Date Made Active in Reports: 05/04/2018

Number of Days to Update: 51

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018

Data Release Frequency: Varies

PROJECT: PROJECT (GEOTRACKER)

Projects sites

Date of Government Version: 03/12/2018

Date Data Arrived at EDR: 03/14/2018

Date Made Active in Reports: 05/04/2018

Number of Days to Update: 51

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018

Data Release Frequency: Varies

NON-CASE INFO: NON-CASE INFO (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/12/2018

Date Data Arrived at EDR: 03/14/2018

Date Made Active in Reports: 05/04/2018

Number of Days to Update: 51

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018

Data Release Frequency: Varies

OTHER OIL GAS: OTHER OIL & GAS (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/12/2018

Date Data Arrived at EDR: 03/14/2018

Date Made Active in Reports: 05/04/2018

Number of Days to Update: 51

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

SAMPLING POINT: SAMPLING POINT (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

WELL STIM PROJ: WELL SAMP PROJ (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: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CIWQS: The 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: 03/05/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 60

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 65

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 70

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

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: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/09/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 36

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/26/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 02/26/2018

Date Data Arrived at EDR: 03/01/2018

Date Made Active in Reports: 03/15/2018

Number of Days to Update: 14

Source: Health & Human Services

Telephone: 530-458-0396

Last EDR Contact: 05/16/2018

Next Scheduled EDR Contact: 08/20/2018

Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/22/2018

Date Data Arrived at EDR: 02/27/2018

Date Made Active in Reports: 04/16/2018

Number of Days to Update: 48

Source: Contra Costa Health Services Department

Telephone: 925-646-2286

Last EDR Contact: 04/30/2018

Next Scheduled EDR Contact: 08/13/2018

Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List

Cupa Facility list

Date of Government Version: 04/27/2018

Date Data Arrived at EDR: 05/02/2018

Date Made Active in Reports: 06/15/2018

Number of Days to Update: 44

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426

Last EDR Contact: 04/25/2018

Next Scheduled EDR Contact: 08/13/2018

Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/05/2018

Date Data Arrived at EDR: 03/08/2018

Date Made Active in Reports: 04/16/2018

Number of Days to Update: 39

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623

Last EDR Contact: 04/30/2018

Next Scheduled EDR Contact: 08/13/2018

Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/01/2018

Date Data Arrived at EDR: 03/05/2018

Date Made Active in Reports: 03/14/2018

Number of Days to Update: 9

Source: Dept. of Community Health

Telephone: 559-445-3271

Last EDR Contact: 03/06/2018

Next Scheduled EDR Contact: 07/16/2018

Data Release Frequency: Semi-Annually

GLENN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018

Date Data Arrived at EDR: 01/24/2018

Date Made Active in Reports: 03/14/2018

Number of Days to Update: 49

Source: Glenn County Air Pollution Control District

Telephone: 830-934-6500

Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 08/06/2018

Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/05/2018

Date Data Arrived at EDR: 03/08/2018

Date Made Active in Reports: 04/30/2018

Number of Days to Update: 53

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 05/21/2018

Next Scheduled EDR Contact: 09/03/2018

Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

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: 06/14/2018

Number of Days to Update: 50

Source: San Diego Border Field Office

Telephone: 760-339-2777

Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 08/06/2018

Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 04/02/2018

Date Data Arrived at EDR: 04/03/2018

Date Made Active in Reports: 06/14/2018

Number of Days to Update: 72

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238

Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/03/2018

Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 02/02/2018

Date Data Arrived at EDR: 02/02/2018

Date Made Active in Reports: 03/28/2018

Number of Days to Update: 54

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700

Last EDR Contact: 05/02/2018

Next Scheduled EDR Contact: 08/20/2018

Data Release Frequency: Quarterly

KINGS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/09/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

LASSEN COUNTY:

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: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 60

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/16/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 40

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 03/30/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 28

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/12/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 27

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 18

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 30

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 45

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/05/2018
Date Data Arrived at EDR: 02/13/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/05/2018
Date Data Arrived at EDR: 02/13/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 35

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2018
Date Data Arrived at EDR: 02/07/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/19/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 46

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 50

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 71

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 40

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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: 04/18/2018
Date Data Arrived at EDR: 04/23/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 11

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/20/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 43

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/20/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/04/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 42

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 16

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List Cupa Facility list

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 20

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

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: 04/03/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/09/2018
Number of Days to Update: 33

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 35

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 01/08/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 29

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 01/26/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 47

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TRINITY COUNTY:

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: 06/15/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/16/2018
Number of Days to Update: 50

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/26/2017
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 48

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/26/2017
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 54

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/28/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 31

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 31

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WARNER RED HILL
2320 REDHILL
SANTA ANA, CA 92705

TARGET PROPERTY COORDINATES

Latitude (North):	33.710815 - 33° 42' 38.93"
Longitude (West):	117.839249 - 117° 50' 21.30"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	422232.7
UTM Y (Meters):	3730215.0
Elevation:	60 ft. above sea level

USGS TOPOGRAPHIC MAP

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

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

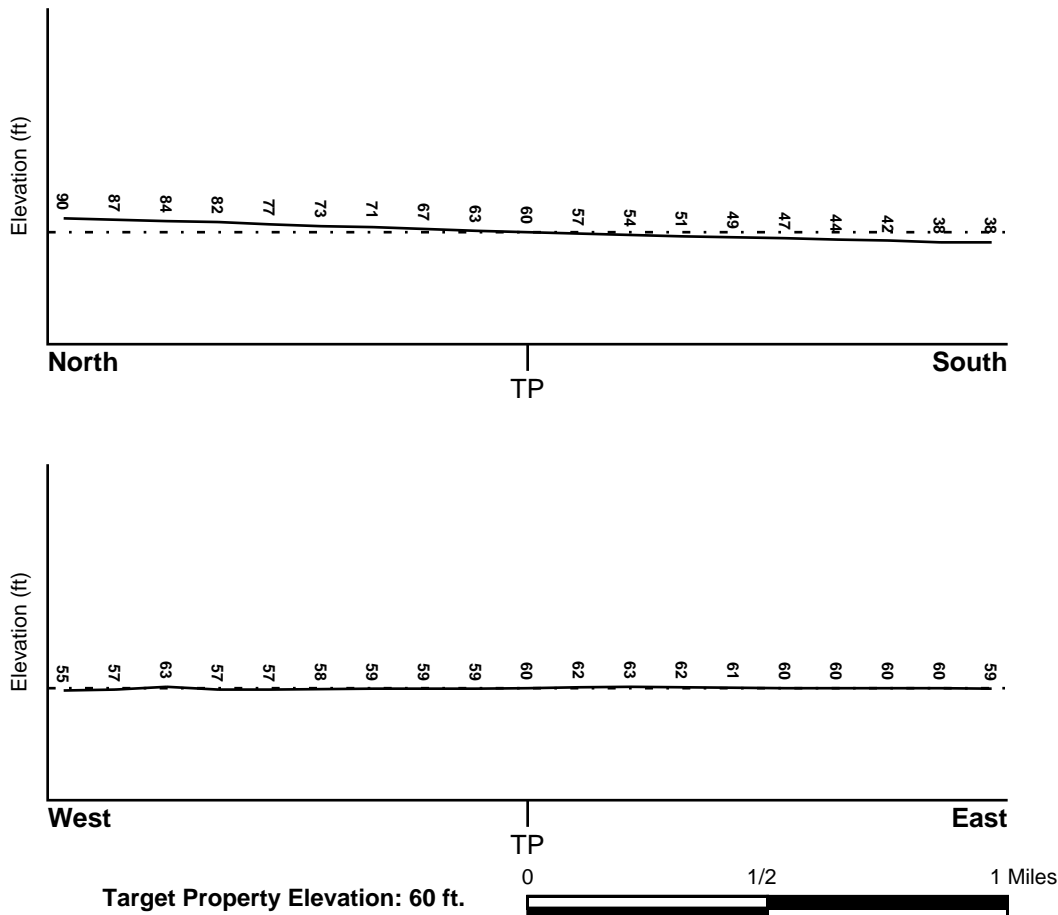
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06059C0279J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06059C0276J	FEMA FIRM Flood data
06059C0277J	FEMA FIRM Flood data
06059C0278J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
TUSTIN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile NNW
Site Name:	UNIVERSAL CIRCUITS INC.
Site EPA ID Number:	CAT080033004
Groundwater Flow Direction:	Northeast
Measured Depth to Water:	15 feet in the semi-perched "pressure area".
Hydraulic Connection:	The deep aquifer exhibits characteristics of a confined aquifer. There is no conclusive evidence of a hydraulic connection between the semi-perched and underlying deeper aquifers.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	0 - 1/8 Mile ENE	S
3	1/4 - 1/2 Mile NW	SW
4	1/4 - 1/2 Mile SSW	SW
5	1/4 - 1/2 Mile South	Not Reported
7	1/2 - 1 Mile NNE	SSW, W
11	1/2 - 1 Mile NNE	S
D15	1/2 - 1 Mile South	SE
D18	1/2 - 1 Mile South	WNW
D19	1/2 - 1 Mile South	SW
22	1/2 - 1 Mile SSE	Not Reported
26	1/2 - 1 Mile North	SW
29	1/2 - 1 Mile SSW	Not Reported
1G	1/2 - 1 Mile North	SW
2G	1/2 - 1 Mile NNE	S
3G	1/2 - 1 Mile NNE	SSW, W
4G	1/4 - 1/2 Mile NW	SW
5G	0 - 1/8 Mile ENE	S
6G	1/4 - 1/2 Mile SSW	SW
7G	1/4 - 1/2 Mile South	Not Reported
8G	1/2 - 1 Mile South	SE
9G	1/2 - 1 Mile SSE	Not Reported
10G	1/2 - 1 Mile South	WNW
11G	1/2 - 1 Mile South	SW
12G	1/2 - 1 Mile SSW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

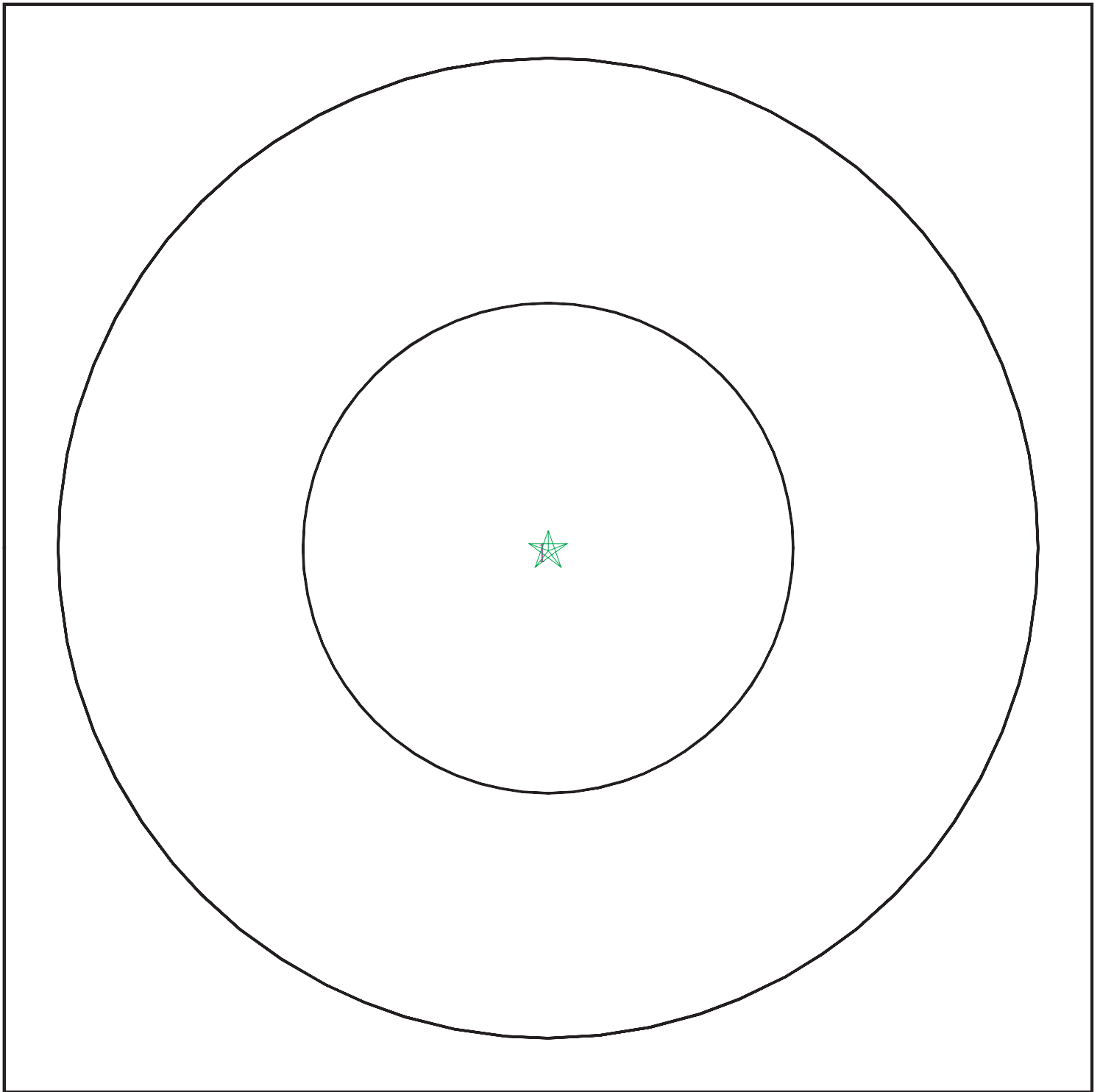
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5341350.2s



- ★ Target Property
- ∨ SSURGO Soil
- ∨ Water



SITE NAME: Warner Red Hill
ADDRESS: 2320 Redhill
Santa Ana CA 92705
LAT/LONG: 33.710815 / 117.839249

CLIENT: Stantec
CONTACT: Alicia Jansen
INQUIRY #: 5341350.2s
DATE: June 22, 2018 3:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CHINO

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly 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	24 inches	silty clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	24 inches	59 inches	sandy clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS40000137231	1/8 - 1/4 Mile NNW
A8	USGS40000137277	1/2 - 1 Mile ENE
9	USGS40000136978	1/2 - 1 Mile SSE
E16	USGS40000137125	1/2 - 1 Mile WSW
E17	USGS40000137126	1/2 - 1 Mile WSW
B20	USGS40000137350	1/2 - 1 Mile NE
G28	USGS40000137158	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

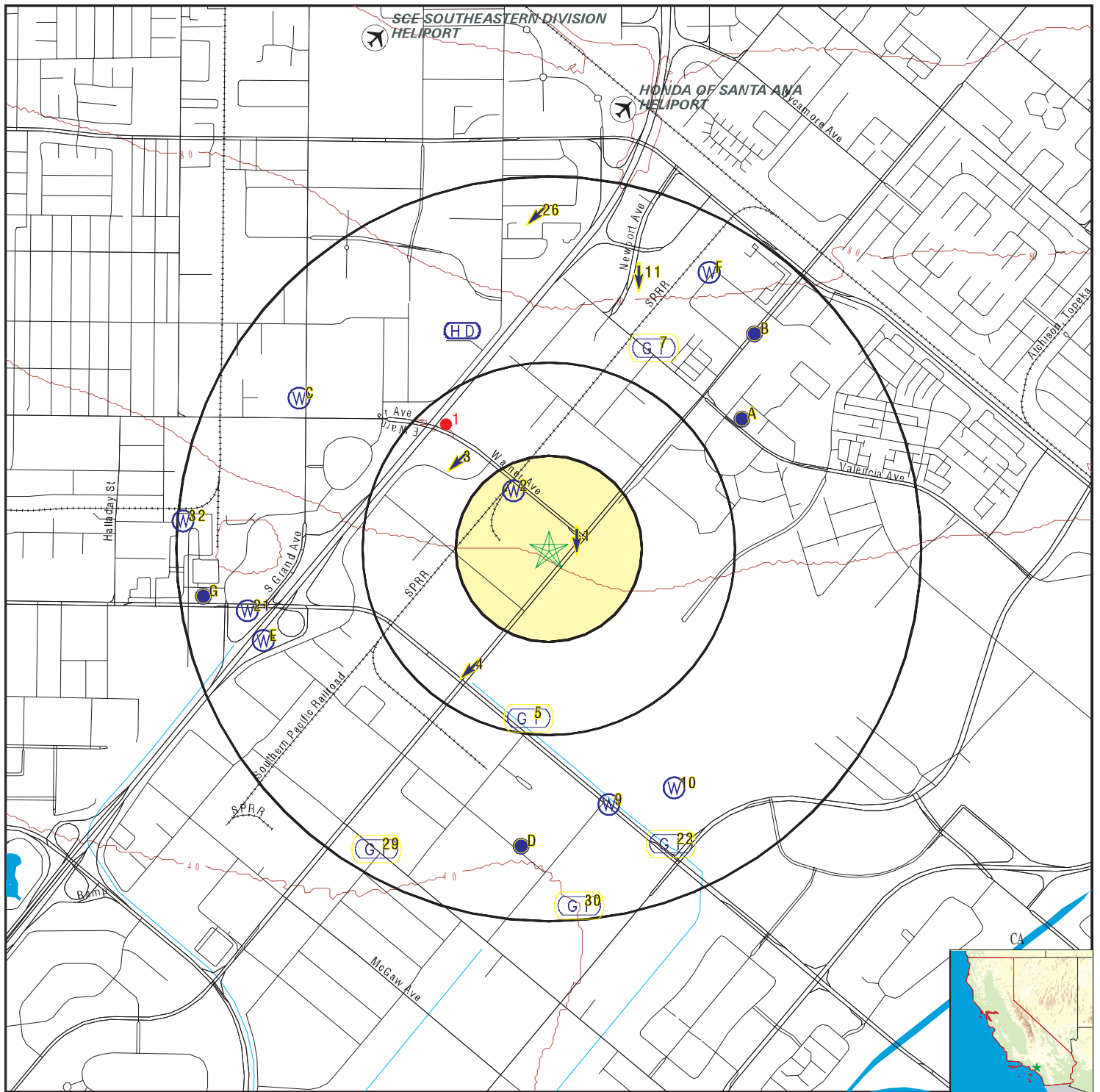
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A6	CADW600000010632	1/2 - 1 Mile NE
10	CADW600000001070	1/2 - 1 Mile SSE
B12	CADW600000019780	1/2 - 1 Mile NE
C13	6138	1/2 - 1 Mile WNW
C14	6139	1/2 - 1 Mile WNW
21	CADW600000020699	1/2 - 1 Mile WSW
F23	CADW600000000896	1/2 - 1 Mile NNE
F24	CADW600000000897	1/2 - 1 Mile NNE
F25	CADW600000000898	1/2 - 1 Mile NNE
G27	CADW600000020698	1/2 - 1 Mile West
G31	CADW600000010634	1/2 - 1 Mile West
32	CADW600000020697	1/2 - 1 Mile West

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG11000217896	1/4 - 1/2 Mile NW

PHYSICAL SETTING SOURCE MAP - 5341350.2s



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

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

SITE NAME: Warner Red Hill
 ADDRESS: 2320 Redhill
 Santa Ana CA 92705
 LAT/LONG: 33.710815 / 117.839249

CLIENT: Stantec
 CONTACT: Alicia Jansen
 INQUIRY #: 5341350.2s
 DATE: June 22, 2018 3:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1	Site ID:	083000552T		
ENE	Groundwater Flow:	S	AQUIFLOW	64559
0 - 1/8 Mile	Shallow Water Depth:	6.45		
Higher	Deep Water Depth:	8.21		
	Average Water Depth:	Not Reported		
	Date:	04/25/1997		

2			FED USGS	USGS40000137231
NNW				
1/8 - 1/4 Mile				
Higher				

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334247117502401		
Monloc name:	005S009W29B001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070204	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.7130744
Longitude:	-117.8408888	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

3	Site ID:	083002385T		
NW	Groundwater Flow:	SW	AQUIFLOW	34096
1/4 - 1/2 Mile	Shallow Water Depth:	19		
Higher	Deep Water Depth:	21		
	Average Water Depth:	Not Reported		
	Date:	08/25/1992		

4	Site ID:	083000594T		
SSW	Groundwater Flow:	SW	AQUIFLOW	38662
1/4 - 1/2 Mile	Shallow Water Depth:	Not Reported		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	7		
	Date:	12/30/1998		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

5	Site ID:	083000707T		
South	Groundwater Flow:	Not Reported	AQUIFLOW	64514
1/4 - 1/2 Mile	Shallow Water Depth:	8		
Lower	Deep Water Depth:	9		
	Average Water Depth:	Not Reported		
	Date:	12/23/1994		

A6			CA WELLS	CADW60000010632
NE				
1/2 - 1 Mile				
Higher				

Objectid: 10632
Latitude: 33.7159
Longitude: -117.8307
Site code: 337159N1178307W001
State well numbe: 05S09W28D001S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000010632

7	Site ID:	083002197T		
NNE	Groundwater Flow:	SSW, W	AQUIFLOW	69474
1/2 - 1 Mile	Shallow Water Depth:	63.82		
Higher	Deep Water Depth:	66.03		
	Average Water Depth:	Not Reported		
	Date:	10/28/1998		

A8			FED USGS	USGS40000137277
ENE				
1/2 - 1 Mile				
Higher				

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334257117494401		
Monloc name:	005S009W28D001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070204	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.7158521
Longitude:	-117.8297773	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: 1	Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map	
Horiz coord refs: NAD83	Vert measure val: 69.00
Vert measure units: feet	Vertacc measure val: 5
Vert accmeasure units: feet	
Vertcollection method: Interpolated from topographic map	
Vert coord refs: NGVD29	Countrycode: US
Aquifername: California Coastal Basin aquifers	
Formation type: Not Reported	
Aquifer type: Not Reported	
Construction date: 19420907	Welldepth: Not Reported
Welldepth units: Not Reported	Wellholedepth: 516
Wellholedepth units: ft	

Ground-water levels, Number of Measurements: 28

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-08-15	70.23		1986-05-06	60.30	
1986-03-04	55.75		1985-11-05	64.51	
1985-08-16	63.98		1985-05-06	54.53	
1985-02-13	47.00		1984-10-30	57.26	
1984-08-13	52.88		1984-05-11	47.30	
1984-02-07	36.56		1983-11-07	42.45	
1983-08-12	51.54		1983-05-12	43.08	
1983-02-14	46.74		1982-11-08	55.30	
1982-08-06	56.79		1982-05-07	47.04	
1982-01-28	51.78		1981-11-05	62.27	
1981-07-29	60.69		1981-05-15	39.03	
1981-02-06	32.90		1980-11-03	39.40	
1980-08-28	43.63		1980-06-19	43.19	
1971-01-07	38.41		1966-09-13	55.1	

9

SSE

1/2 - 1 Mile

Lower

FED USGS

USGS40000136978

Org. Identifier: USGS-CA	
Formal name: USGS California Water Science Center	
Monloc Identifier: USGS-334203117500801	
Monloc name: 005S009W32A001S	
Monloc type: Well	
Monloc desc: Not Reported	
Huc code: 18070204	Drainagearea value: Not Reported
Drainagearea Units: Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported	Latitude: 33.7008526
Longitude: -117.8364442	Sourcemap scale: Not Reported
Horiz Acc measure: Unknown	Horiz Acc measure units: Unknown
Horiz Collection method: Interpolated from map	
Horiz coord refs: NAD83	Vert measure val: Not Reported
Vert measure units: Not Reported	Vertacc measure val: Not Reported
Vert accmeasure units: Not Reported	
Vertcollection method: Not Reported	
Vert coord refs: Not Reported	Countrycode: US
Aquifername: California Coastal Basin aquifers	
Formation type: Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

10
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADW60000001070**

Objectid:	1070
Latitude:	33.7015
Longitude:	-117.8334
Site code:	337015N1178334W001
State well numbe:	05S09W28Q001S
Local well name:	"
Well use id:	6
Well use descrip:	Unknown
County id:	30
County name:	Orange
Basin code:	'8-1'
Basin desc:	Coastal Plain Of Orange County
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000001070

11
NNE
1/2 - 1 Mile
Higher

Site ID:	083001152T
Groundwater Flow:	S
Shallow Water Depth:	33.37
Deep Water Depth:	34.82
Average Water Depth:	Not Reported
Date:	03/18/1992

AQUIFLOW **38653**

B12
NE
1/2 - 1 Mile
Higher

CA WELLS **CADW600000019780**

Objectid:	19780
Latitude:	33.7192
Longitude:	-117.8301
Site code:	337192N1178301W001
State well numbe:	05S09W21P002S
Local well name:	"
Well use id:	6
Well use descrip:	Unknown
County id:	30
County name:	Orange
Basin code:	'8-1'
Basin desc:	Coastal Plain Of Orange County
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW600000019780

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C13
WNW
1/2 - 1 Mile
Higher

CA WELLS 6138

Water System Information:

Prime Station Code:	05S/09W-19H01 S	User ID:	TEE
FRDS Number:	3010038026	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	334300.0 1175100.0	Precision:	Undefined
Source Name:	WELL 26		
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 Collected:	19-MAY-15	Findings:	3600. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12-AUG-15	Findings:	9.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12-AUG-15	Findings:	2240. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12-AUG-15	Findings:	9.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12-AUG-15	Findings:	2220. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	16-FEB-16	Findings:	651. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	16-FEB-16	Findings:	7.5
Chemical:	PH, LABORATORY		
Sample Collected:	16-FEB-16	Findings:	156. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	16-FEB-16	Findings:	156. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	16-FEB-16	Findings:	1.8 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	16-FEB-16	Findings:	243. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	16-FEB-16	Findings:	72.1 MG/L
Chemical:	CALCIUM		
Sample Collected:	16-FEB-16	Findings:	15.4 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	16-FEB-16	Findings:	56. MG/L
Chemical:	SODIUM		
Sample Collected:	16-FEB-16	Findings:	1.8 MG/L
Chemical:	POTASSIUM		
Sample Collected:	16-FEB-16	Findings:	40.2 MG/L
Chemical:	CHLORIDE		
Sample Collected:	16-FEB-16	Findings:	134. MG/L
Chemical:	SULFATE		
Sample Collected:	16-FEB-16	Findings:	0.22 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	16-FEB-16	Findings:	440. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	16-FEB-16	Findings:	0.13 MG/L
Chemical:	BROMIDE		
Sample Collected:	16-FEB-16	Findings:	1.8 MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	22-JUN-16	Findings:	689. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	22-JUN-16	Findings:	40.4 MG/L
Chemical:	CHLORIDE		
Sample Collected:	22-JUN-16	Findings:	424. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	22-JUN-16	Findings:	690. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	22-JUN-16	Findings:	40.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	22-JUN-16	Findings:	416. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	27-FEB-17	Findings:	2.2 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	27-FEB-17	Findings:	2.2 MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	16-FEB-12	Findings:	9.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-FEB-12	Findings:	2250. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	19-FEB-13	Findings:	716. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	19-FEB-13	Findings:	7.9
Chemical:	PH, LABORATORY		
Sample Collected:	19-FEB-13	Findings:	163. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	19-FEB-13	Findings:	163. MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	19-FEB-13	Findings:	240. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	19-FEB-13	Findings:	71.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	19-FEB-13	Findings:	15.2 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	19-FEB-13	Findings:	49.9 MG/L
Chemical:	SODIUM		
Sample Collected:	19-FEB-13	Findings:	1.6 MG/L
Chemical:	POTASSIUM		
Sample Collected:	19-FEB-13	Findings:	39.2 MG/L
Chemical:	CHLORIDE		
Sample Collected:	19-FEB-13	Findings:	127. MG/L
Chemical:	SULFATE		
Sample Collected:	19-FEB-13	Findings:	0.2 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	19-FEB-13	Findings:	440. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	19-FEB-13	Findings:	9.1 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	19-FEB-13	Findings:	0.12 MG/L
Chemical:	BROMIDE		
Sample Collected:	19-FEB-13	Findings:	2050. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	17-DEC-14	Findings:	11.41 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	17-DEC-14	Findings:	2580. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	17-DEC-14	Findings:	1.28 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	17-DEC-14	Findings:	0.564 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	17-DEC-14	Findings:	0.605 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	17-DEC-14	Findings:	1.11 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	17-DEC-14	Findings:	0.3 PCI/L
Chemical:	URANIUM MDA95		
Sample Collected:	17-DEC-14	Findings:	0.253 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	17-DEC-14	Findings:	0.109 PCI/L
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.		
Sample Collected:	17-DEC-14	Findings:	0.47 PCI/L
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 19-MAY-15
Chemical: NITRATE (AS NO3)

Findings: 15.9 MG/L

C14
WNW
1/2 - 1 Mile
Higher

CA WELLS 6139

Water System Information:

Prime Station Code:	05S/09W-19K01 S	User ID:	TEE
FRDS Number:	3010038013	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	334300.0 1175100.0	Precision:	Undefined
Source Name:	OLD SO MAIN MWC WELL 03 - ABANDONED		
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		

D15
South
1/2 - 1 Mile
Lower

Site ID: 083001027T
Groundwater Flow: SE
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 8
Date: 09/1988

AQUIFLOW 64554

E16
WSW
1/2 - 1 Mile
Lower

FED USGS USGS40000137125

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334226117510603		
Monloc name:	005S009W30J003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070204	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.7072411
Longitude:	-117.8525558	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

E17
WSW
1/2 - 1 Mile
Lower

FED USGS USGS40000137126

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334226117510604		
Monloc name:	005S009W30J004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070204	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.7072411
Longitude:	-117.8525558	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refs:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

D18
South
1/2 - 1 Mile
Lower

Site ID:	083000507T	AQUIFLOW	38916
Groundwater Flow:	WNW		
Shallow Water Depth:	5		
Deep Water Depth:	7		
Average Water Depth:	Not Reported		
Date:	04/1986		

D19
South
1/2 - 1 Mile
Lower

Site ID:	083000968T	AQUIFLOW	37910
Groundwater Flow:	SW		
Shallow Water Depth:	4.97		
Deep Water Depth:	8.98		
Average Water Depth:	Not Reported		
Date:	10/19/1994		

B20
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000137350

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334309117494201		
Monloc name:	005S009W21P002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070204	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.7191854
Longitude:	-117.8292217	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	74.50
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	294
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 98

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-08-14	15.80		1986-05-06	15.17	
1986-02-20	15.34		1985-11-06	16.50	
1985-08-16	16.08		1985-05-06	15.54	
1985-02-13	14.47		1984-10-30	15.07	
1984-08-13	14.16		1984-05-11	13.98	
1984-02-07	14.29		1983-11-07	14.73	
1983-08-12	14.43		1983-05-12	14.10	
1983-02-14	16.55		1982-11-08	17.41	
1982-08-09	16.84		1982-05-07	15.88	
1982-01-28	15.98		1981-11-05	16.10	
1981-07-29	15.99		1981-05-15	15.19	
1981-02-06	16.28		1980-11-03	16.82	
1980-08-28	16.99		1980-08-08	16.73	
1980-06-11	16.47		1980-02-08	18.84	
1979-11-06	20.86		1979-07-31	20.32	
1979-05-01	19.53		1979-02-05	20.86	
1978-10-27	22.15		1978-09-28	22.16	
1977-10-28	25.70		1977-03-02	24.50	
1976-12-29	24.60		1976-10-21	24.90	
1976-06-25	23.90		1976-04-30	23.70	
1976-02-27	23.90		1976-01-08	22.10	
1975-11-03	23.40		1975-09-04	23.10	
1975-06-26	22.90		1975-05-01	22.40	
1975-03-04	30.70		1974-12-30	23.20	
1974-10-25	23.60		1974-08-04	23.10	
1974-07-01	23.60		1974-05-02	22.10	
1974-03-19	21.50		1974-01-28	21.60	
1973-11-02	21.80		1973-08-24	20.90	
1973-07-09	20.70		1973-05-10	19.70	
1973-03-05	19.00		1973-01-11	20.20	
1972-11-02	20.20		1972-09-06	19.70	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1972-07-11	19.00		1972-05-04	18.30	
1972-03-01	17.80		1972-01-12	17.20	
1971-11-05	17.00		1971-08-31	16.70	
1971-07-14	15.90		1971-06-14	15.80	
1971-05-04	15.50		1971-04-13	15.80	
1971-03-04	14.90		1970-12-15	15.10	
1970-11-03	15.50		1970-09-30	15.30	
1970-09-02	15.10		1970-08-07	14.80	
1970-07-08	14.40		1970-06-02	14.20	
1970-05-04	14.00		1970-04-02	13.80	
1970-03-09	14.10		1970-02-04	14.60	
1970-01-02	14.50		1969-11-04	14.80	
1969-10-06	14.50		1969-09-03	14.00	
1969-07-01	13.80		1969-06-09	15.20	
1969-05-05	13.20		1969-01-08	16.50	
1968-11-27	16.60		1968-10-29	16.90	
1968-10-09	16.70		1968-09-16	16.60	
1968-07-16	15.90		1968-06-12	14.50	

21
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADW60000020699**

Objectid: 20699
 Latitude: 33.7084
 Longitude: -117.8533
 Site code: 337084N1178533W001
 State well numbe: 05S09W30J001S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 30
 County name: Orange
 Basin code: '8-1'
 Basin desc: Coastal Plain Of Orange County
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000020699

22
SSE
1/2 - 1 Mile
Lower

Site ID: 083000922T
 Groundwater Flow: Not Reported
 Shallow Water Depth: Not Reported
 Deep Water Depth: Not Reported
 Average Water Depth: 6
 Date: 01/20/1986

AQUIFLOW **65012**

F23
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADW60000000896**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 896
Latitude: 33.721587
Longitude: -117.831767
Site code: 337216N1178318W001
State well numbe: 05S09W21M001S
Local well name: 'IDM-2/MP1'
Well use id: 1
Well use descrip: Observation
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000000896

F24
NNE
1/2 - 1 Mile
Higher

CA WELLS CADW60000000897

Objectid: 897
Latitude: 33.721587
Longitude: -117.831767
Site code: 337216N1178318W002
State well numbe: Not Reported
Local well name: 'IDM-2/MP5'
Well use id: 1
Well use descrip: Observation
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000000897

F25
NNE
1/2 - 1 Mile
Higher

CA WELLS CADW60000000898

Objectid: 898
Latitude: 33.721587
Longitude: -117.831767
Site code: 337216N1178318W003
State well numbe: Not Reported
Local well name: 'IDM-2/MP8'
Well use id: 1
Well use descrip: Observation
County id: 30
County name: Orange

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000000898

**26
North
1/2 - 1 Mile
Higher**

Site ID: 083001031T
Groundwater Flow: SW
Shallow Water Depth: 32
Deep Water Depth: 33
Average Water Depth: Not Reported
Date: 08/12/1991

AQUIFLOW 64556

**G27
West
1/2 - 1 Mile
Lower**

Objectid: 20698
Latitude: 33.7091
Longitude: -117.855
Site code: 337091N1178550W001
State well numbe: 05S09W30H001S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000020698

CA WELLS CADW60000020698

**G28
West
1/2 - 1 Mile
Lower**

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-334232117511501
Monloc name: 005S009W30H002S
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18070204
Drainagearea Units: Not Reported
Contrib drainagearea units: Not Reported
Longitude: -117.8550558
Horiz Acc measure: 1
Horiz Collection method: Interpolated from map
Horiz coord refsys: NAD83
Vert measure units: feet
Vert accmeasure units: feet
Vertcollection method: Interpolated from topographic map
Vert coord refsys: NGVD29
Aquifername: California Coastal Basin aquifers
Formation type: Not Reported

Drainagearea value: Not Reported
Contrib drainagearea: Not Reported
Latitude: 33.7089077
Sourcemap scale: 24000
Horiz Acc measure units: seconds
Vert measure val: 51.00
Vertacc measure val: 5
Countrycode: US

FED USGS USGS40000137158

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	1017
Construction date:	19370101	Wellholeddepth:	Not Reported
Welldepth units:	ft		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 10

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
<hr style="border-top: 1px dashed black;"/>					
1984-02-06					
Note: The well was destroyed (no water level is recorded).					
1983-11-07	45.85		1983-08-15	55.13	
1983-05-12	44.89		1983-02-14	43.24	
1982-11-05	51.66		1982-07-28	53.53	
1982-04-28	41.50		1982-01-26	42.57	
1981-12-03	46.22				

29 SSW 1/2 - 1 Mile Lower	Site ID: 083002638T Groundwater Flow: Not Reported Shallow Water Depth: 6.5 Deep Water Depth: 7 Average Water Depth: Not Reported Date: 10/04/1995	AQUIFLOW	38622
--	---	-----------------	--------------

30 South 1/2 - 1 Mile Lower	Site ID: 083000560T Groundwater Flow: Not Reported Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 25 Date: 11/11/1994	AQUIFLOW	65103
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G31 West 1/2 - 1 Mile Lower		CA WELLS	CADW60000010634
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Objectid:	10634
Latitude:	33.7089
Longitude:	-117.856
Site code:	337089N1178560W001
State well numbe:	05S09W30H002S
Local well name:	"
Well use id:	6
Well use descrip:	Unknown
County id:	30
County name:	Orange
Basin code:	'8-1'
Basin desc:	Coastal Plain Of Orange County
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000010634

32 West 1/2 - 1 Mile Lower		CA WELLS	CADW60000020697
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 20697
Latitude: 33.7119
Longitude: -117.8563
Site code: 337119N1178563W001
State well numbe: 05S09W30G001S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000020697

1G North 1/2 - 1 Mile Lower	Site ID:	083001031T	AQUIFLOW	64556
	Groundwater Flow:	SW		
	Shallow Water Depth:	32		
	Deep Water Depth:	33		
	Average Water Depth:	Not Reported		
	Date:	08/12/1991		

2G NNE 1/2 - 1 Mile Lower	Site ID:	083001152T	AQUIFLOW	38653
	Groundwater Flow:	S		
	Shallow Water Depth:	33.37		
	Deep Water Depth:	34.82		
	Average Water Depth:	Not Reported		
	Date:	03/18/1992		

3G NNE 1/2 - 1 Mile Lower	Site ID:	083002197T	AQUIFLOW	69474
	Groundwater Flow:	SSW, W		
	Shallow Water Depth:	63.82		
	Deep Water Depth:	66.03		
	Average Water Depth:	Not Reported		
	Date:	10/28/1998		

4G NW 1/4 - 1/2 Mile Lower	Site ID:	083002385T	AQUIFLOW	34096
	Groundwater Flow:	SW		
	Shallow Water Depth:	19		
	Deep Water Depth:	21		
	Average Water Depth:	Not Reported		
	Date:	08/25/1992		

5G ENE 0 - 1/8 Mile Lower	Site ID:	083000552T	AQUIFLOW	64559
	Groundwater Flow:	S		
	Shallow Water Depth:	6.45		
	Deep Water Depth:	8.21		
	Average Water Depth:	Not Reported		
	Date:	04/25/1997		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

6G SSW 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000594T SW Not Reported Not Reported 7 12/30/1998	AQUIFLOW	38662
--	---	---	-----------------	--------------

7G South 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000707T Not Reported 8 9 Not Reported 12/23/1994	AQUIFLOW	64514
--	---	--	-----------------	--------------

8G South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001027T SE Not Reported Not Reported 8 09/1988	AQUIFLOW	64554
--	---	--	-----------------	--------------

9G SSE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000922T Not Reported Not Reported Not Reported 6 01/20/1986	AQUIFLOW	65012
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10G South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000507T WNW 5 7 Not Reported 04/1986	AQUIFLOW	38916
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11G South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000968T SW 4.97 8.98 Not Reported 10/19/1994	AQUIFLOW	37910
---	---	--	-----------------	--------------

12G SSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002638T Not Reported 6.5 7 Not Reported 10/04/1995	AQUIFLOW	38622
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

13G
South
1/2 - 1 Mile
Lower

Site ID: 083000560T
Groundwater Flow: Not Reported
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 25
Date: 11/11/1994

AQUIFLOW 65103

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000217896

District nun:	1	Api number:	05901113
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Red Star Oil Co. and Ward		
County name:	Orange	Fieldname:	Any Field
Area name:	Any Area	Section:	29
Township:	05S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000217896		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92705	64	5

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 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

Appendix E – Historical Records

Appendix E AGENCY RECORDS

Regional Water Quality Control Board, Santa Ana Region

Site Name: Ricoh Electronics Case # 083000552T

In July 1986, leakage was detected from piping associated with three USTs. The USTs stored ISOPAR G (C10-C11) and H (C11-C12), which was used in the manufacture of toner. Based on the results of a soil gas survey, four soil borings were advanced at the site. TPH (C6-C8) were detected at a concentration ranging from 50 to 1000 ppm. Six groundwater monitoring wells and twenty groundwater well points were installed to characterize the groundwater.

Groundwater was encountered at approximately 10 feet bgs and was found to flow to the south. Free product was detected up to 6.9 ft. In February 1988, Free Product recovery was initiated. On July 8, 1988 the Board issued Cleanup and Abatement Order CAO No. 88-78, requiring Ricoh to implement corrective measures and to establish waste discharge limits. In August 1988, Ricoh implemented groundwater extraction and treatment. Up to 14,000 gallons per day were discharged to the local storm drain which discharged into San Diego Creek. In September 1992, Ricoh requested cessation of groundwater remediation because free product was no longer detected in the Isopar/groundwater recovery system. In a letter dated December 15, 1992, Regional Board staff denied the request due to the continued presence of free product in some groundwater monitoring wells and the lack of consistent groundwater monitoring. The recovery system reportedly operated until July 1998, when the three USTs were removed and replaced. In July through September 1998, the three USTs were removed and replaced by one 40,000-gallon Isopar UST. The UST area was reportedly excavated to a depth of 16 feet, approximately 100,000 gallons of groundwater from the excavation were treated and discharged, and ORC was placed in the backfill.

Due to the continued detection of elevated concentration of TPH in the groundwater, a subsurface investigation was conducted in December 2000. Five soil borings were advanced to 17 to 20 feet and three grab groundwater samples were collected. TPH was detected at a concentration of up to 1.9 mg/kg in the soil samples and up to 8,000,000 ug/l TPH was detected in the groundwater. In January 2003, two confirmatory wells were installed at the site. TPH was detected at a concentration of up to 2,100 ug/l in the groundwater. In February 2003, a 24-hour two phase extraction test was conducted. Vapor influent concentrations peaked at 1,060 ppmv after 18 hours of operation. Approximately 13.5 lbs (2.1 gallons) of petroleum hydrocarbons were recovered. In April 2005, the TPH concentrations in the groundwater monitoring wells have reduced to 400 ug/l. As a result, Ricoh requested site closure.

Final consideration of closure of the site was delayed due to the pending removal of the one remaining UST. In September 2006, the final 40,000-gallon UST was removed. Two soil samples were collected each from under the UST and the dispenser. TPH (C13-C28) and TPH (C29-C40) were detected at concentrations up to 360 ppm and 860 ppm, respectively. TPH (C13-C28) and TPH (C29-C40) were detected in groundwater samples collected from the excavation at concentrations up to 530 ug/l and not detected, respectively. In July 2008, six soil borings were advanced on the Ricoh and adjacent Jaydee property to depths ranging from 17 to 45 feet bgs. The results indicated TPH at a concentration of 300 and 490 ppm in soil sampled from boring B-5 at depths of 10 and 15 feet bgs, respectively. Groundwater was sampled from two of the borings at depths ranging from 35 to 45 feet bgs. No TPH or VOCs were detected in the groundwater samples. In September 2009, two groundwater monitoring wells were installed on the adjacent Jaydee property next to boring locations B-5 and B-6. Groundwater was found at approximately 13 feet bgs and groundwater flow was to the south to southwest. TPH-g and TPH-d were detected at a

concentration of 190 ug/l and 660 ug/l, respectively. On May 11, 2010, Board staff notified the legal counsel and property manager representing the fee holder of the adjacent property of the pending site closure. Board staff has not received any comments in response to the May 11, 2010 letter.

Based on this data, Ricoh's consultant asserts the following:

1. In June 2008, volatile fuel petroleum hydrocarbons were detected at a maximum concentration of 490 mg/kg in soil samples collected from the JayDee property indicating that the concentrations are decreasing laterally from the former UST.
2. Groundwater samples collected on the JayDee property indicate petroleum fuel concentrations are not at a concentration of concern and are stable.
3. No further action should be required because the low levels of petroleum hydrocarbons in the soil and groundwater do not pose a health risk.

Board staff is recommended site closure for the following reasons:

1. The USTs had been removed from the site.
2. A significant volume of the source petroleum hydrocarbons in the soil had been removed.
3. The residual petroleum hydrocarbons in the soil and groundwater appears not to pose a significant enough risk to groundwater quality or the underlying groundwater's beneficial uses to warrant the expense of further remediation.
4. It is anticipated that the concentration and mass of residual petroleum hydrocarbons would continue to decline due to biodegradation and natural attenuation.

The SARWQCB has not established TPH cleanup levels for soil for protection of human health and, at this time, no statewide TPH cleanup levels have been established. However, the residual concentrations of petroleum hydrocarbons detected in the soil borings do not exceed the environmental screening levels (ESLs) established by the San Francisco RWQCB for direct exposure for commercial workers (450 ppm for soils <3 m deep and 4200 ppm for soils >3 m deep for gasoline and diesel and 3700 ppm for residual fuels with a carbon chain > 24) and the Gross Contamination Ceiling Levels (for odors, etc.) for shallow soils (500 ppm for gasoline and diesel and 2500 ppm for residual fuels). Furthermore, according to Mullin, et al (1990), isoparaffinic hydrocarbon compounds "have a very low order of acute toxicity, being practically non-toxic by oral, dermal and inhalation routes. However, aspiration of liquid isoparaffins into the lungs during oral ingestion could result in severe pulmonary injury" and non-evaporative dermal exposure by liquid isoparaffins "have produced slight to moderate irritation". Given that no free product isopar is currently being detected at the site, it appears that there is a low likelihood that commercial workers would be exposed to liquid isopar. Based on these criteria, Board staff did not require quantitative risk assessment of the residual petroleum hydrocarbons or vapor intrusion studies to determine if the residual petroleum hydrocarbons pose any risk to the nearby building occupants in the soil at this time.

On August 6, 2010, five groundwater monitoring wells and two groundwater extraction wells were abandoned on the Ricoh and adjacent JayDee Enterprises properties.

If land use changes at the site, a review of the corrective actions may be warranted if on-site excavation or construction activities expose contaminated soil or if changes in land use indicates that the residual contamination at the site poses a risk to site occupants.



WAYNE PERRY, INC.

Environmental Remediation, Construction and Consulting

August 13, 2010

California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501-3348

Attention: Mr. Carl Bernhardt

SUBJECT: WELL ABANDONMENT REPORT
RICOH ELECTRONICS FACILITY
2320 REDHILL AVENUE
SANTA ANA, CALIFORNIA
CRWQCB-SA CASE: 083000552T
WPI PROJECT: 10.193

Dear Mr. Bernhardt:

In accordance with the Site Closure letter dated July 1, 2010 issued by the California Regional Water Quality Control Board - Santa Ana Region (CRWQCB-SA) all groundwater monitoring and extraction wells associated with the above referenced location (herein referred to as the "Site") were abandoned on August 6, 2010. The site location is shown on Figure 1. The well locations are shown on Figure 2.

Well destruction permits for groundwater monitoring wells CW-1, CW-2, JD-1, JD-2 and RIC-4 and extraction wells EW-1 and EW-2 were approved by the Orange County Health Care Agency, Environmental Health Division (OCHCA) on July 22, 2010. A Copy of the permit is provided in Attachment A. All wells were abandoned by BC2 Environmental Inc. of Orange, California, in accordance with OCHCA requirements and California Department of Water Resources Well Standards for well abandonment.

Wells CW-1, CW-2, JD-1, JD-2 and RIC-4 were pressure grouted with neat cement to approximately 5-feet below grade. The upper 5-feet of casing from the wells were overdrilled with a hollow stem auger drill rig and removed. The remainder of the

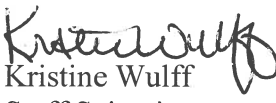
borehole was backfilled with neat cement to within approximately two feet of the surface, and either capped with concrete (CW-1, CW-1, and RIC-4 – located in a parking lot / driveway) or backfilled with native material (JD-1 and JD-2 – located in a vacant field).

Extraction wells EW-1 and EW-2 were constructed with a metal conductor casing and set within a concrete vault. Permission was granted by the OCHCA on August 6, 2010 to pressure grout the entire length of the casings with neat cement. On August 11, 2010, the concrete vaults were removed, and the voids were backfilled with fill material to match existing grade. Former well EW-1 was located in a vacant field. The location at EW-4 was capped with concrete.

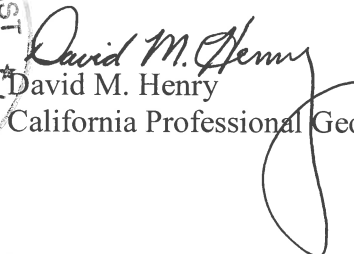
All soil and waste materials generated from the cleanup activities is scheduled to be removed from the site in late August. Waste manifests are not yet available and will be provided to the CRWQCB-SA under separate cover.

Should you have questions or require additional information regarding this submittal, please contact Eric Floyd at (714) 826-0352.

Sincerely,
WAYNE PERRY, INC.


Kristine Wulff
Staff Scientist




David M. Henry
California Professional Geologist 4085

Attachment 1:

Figure 1, Site Location Map

Figure 2, Plot Plan Showing Location of Abandoned Wells

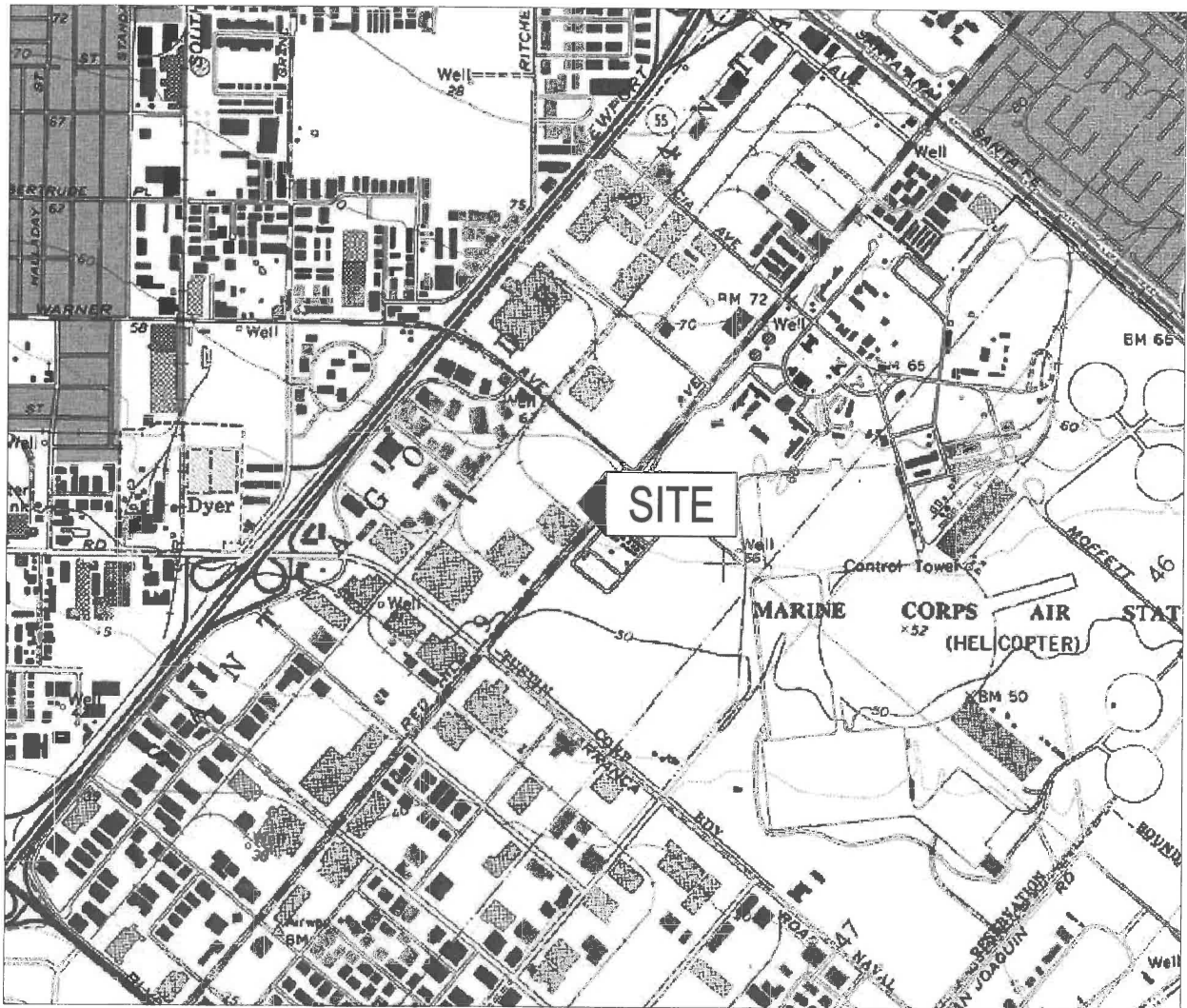
Attachment 2:

Copy of OCHCA Permit for Well Abandonment

cc: Mr. Pedro Medrano, Ricoh Electronics
Law Offices of Mark Gilmartin representing Jaydee Enterprises

ATTACHMENT 1

FIGURES



SCALE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

REFERENCE: USGS 7.5-MINUTE QUADRANGLE, TUSTIN, CALIFORNIA



2171 CAMPUS DRIVE, SUITE 100
IRVINE, CA 92612

DWG BY
JTL

DATE
3/01

REV BY
MY

REVISED
06/07

REVIEWED BY

REVIEWED DATE

VICINITY MAP

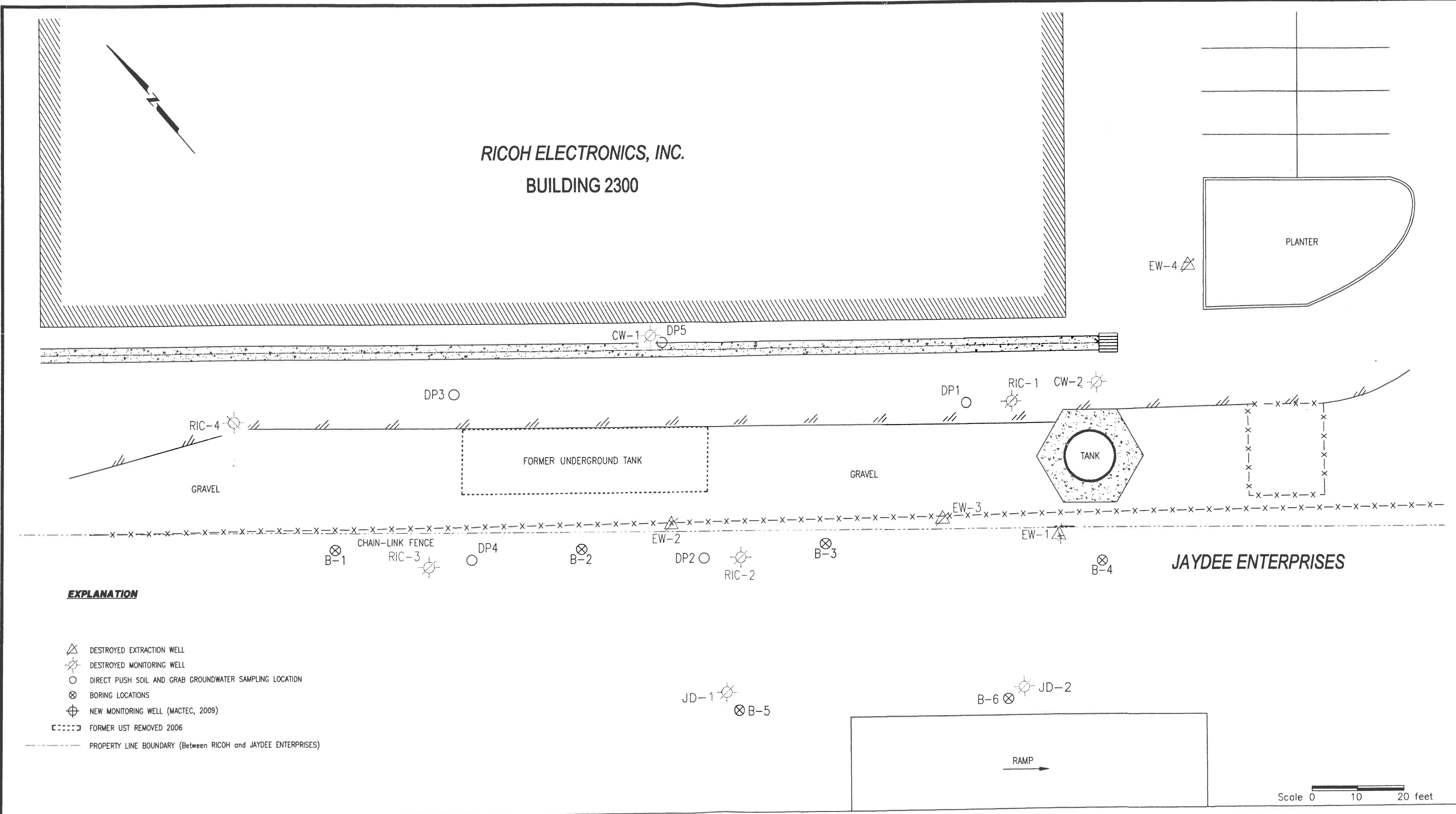
Ricoh Electronics, Inc.
2300 Redhill Avenue
Santa Ana, California

FIGURE NO.

1

PROJECT NO.

41981-10.1



BUILDING



2171 CAMPUS DRIVE, SUITE 100
IRVINE, CA 92612

DWG BY
JTL
DATE
3/01
REV BY
MY
REVISED
12/09

REVIEWED BY
REVIEWED DATE

WELL AND BORING LOCATION MAP
OFFSITE SOIL AND GROUNDWATER INVESTIGATION
IN SUPPORT OF SITE CLOSURE

Ricoh Electronics, Inc.
2320 Red Hill Avenue
Santa Ana, California

FIGURE NO.

2

PROJECT NO.
41981-12.3

ATTACHMENT 2



OCHCA WELL ABANDONMENT PERMIT

APPLICATION FOR WELL DESTRUCTION PERMIT

ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH DIVISION

1241 E. DYER ROAD, SUITE 120
SANTA ANA, CA 92705-4720

(714) 433-6000
FAX: (714) 433-6481

CITY Santa Ana		DATE	
WELL LOCATION (ADDRESS IF AVAILABLE) 2320 S. Redhill Avenue			
NAME OF WELL OWNER Ricoh Electronics		NAME OF CONSULTING FIRM Wayne Perry Inc.	
ADDRESS 1100 Valencia Avenue		BUSINESS ADDRESS 8281 Commonwealth Avenue	
CITY Tustin	ZIP 92780	CITY Buena Park	ZIP 90621
TELEPHONE 714.826.0352		TELEPHONE 714.826.0352	
NAME OF DRILLING CO. BC2 Env. Inc.		C-57 LICENSE NUMBER 686255	
CITY Tustin		ZIP 92867	
TELEPHONE 714.744.2990		TELEPHONE 714.744.2990	
SEALING MATERIAL / ESTIMATE AMOUNT OF SEALING MATERIAL NEEDED Neat Cement		PROPOSED START DATE	
METHOD OF DESTRUCTION The wells will be pressure grouted with neat cement and the top five feet of casing will be overdrilled and removed. The remaining borehole will be backfilled with neat cement to 2 feet and capped with concrete to match existing grade.			
DIAGRAM OF WELL SITE (Use additional sheets and/or attachments) RIC-4 TD=18' CW-1 TD=20' CW-2 TD=20' JD-1 TD=25' JD-2 TD=25' EW-1 TD=27' EW-4 TD=27'		I HEREBY AGREE TO COMPLY IN EVERY RESPECT WITH ALL REQUIREMENTS OF THE HEALTH CARE AGENCY AND WITH ALL ORDINANCES AND LAWS OF THE COUNTY OF ORANGE AND OF THE STATE OF CALIFORNIA PERTAINING TO WELL CONSTRUCTION, RECONSTRUCTION AND DESTRUCTION.  APPLICANT'S SIGNATURE _____ DATE _____ Kristine Wulff PRINT NAME 714.826.0352 714.523.2808 PHONE NUMBER FAX NUMBER	
<input checked="" type="checkbox"/> SITE PLAN ATTACHED		DISPOSITION OF PERMIT (DO NOT FILL IN):	
FOR ACCOUNTING USE ONLY: HSO NO. 326753 CHECK NO. 89962 DATE 7-22-10 AMOUNT \$8802⁰⁰ INTL. MMT		<input checked="" type="checkbox"/> APPROVED SUBJECT TO THE FOLLOWING CONDITIONS: A. <input checked="" type="checkbox"/> NOTIFY THIS AGENCY AT LEAST 48 HOURS PRIOR TO START. B. <input type="checkbox"/> SUBMIT TO THE AGENCY A WELL DESTRUCTION REPORT. PLEASE REFERENCE PERMIT NUMBER. C. <input checked="" type="checkbox"/> OTHER Remove traffic boxes and/or monuments. <input type="checkbox"/> DENIED Please call if start date changes.	
APPROVAL BY OTHER AGENCIES: JURISDICTION _____ REMARKS _____		PERMIT ISSUED BY  07.22.2010 DATE Juan Jimenez 714.433.6287 PRINT NAME PHONE NUMBER	
AUTHORIZED SIGNATURE _____ DATE _____		AUTHORIZED SIGNATURE _____ DATE _____	

WELL PERMIT NUMBER 10-07-25

WHEN SIGNED BY ORANGE COUNTY HEALTH CARE AGENCY REPRESENTATIVE, THIS APPLICATION IS A PERMIT.

**REPORT OF GROUNDWATER MONITORING WELL
INSTALLATIONS FOR JD-1 & JD-2, AND MONITORING
RESULTS IN SUPPORT OF SITE CLOSURE**

**RICOH ELECTRONICS, INC. FACILITY
2320 RED HILL AVENUE, SANTA ANA, CALIFORNIA**

Submitted to:

**California Regional Water Quality Control Board
Santa Ana Region**

Prepared for:

**RICOH ELECTRONICS, INC.
1100 Valencia Avenue, Tustin, California**



**2171 Campus Drive, Suite 100
Irvine, CA 92612**

January 2010



2320

January 29, 2010

Mr. Carl Bernhardt
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501

Tony
Anthony Moreno
Amee

Subject: **LETTER OF TRANSMITTAL**
Report of Groundwater Monitoring Well Installations (JD-1 & JD-2) and
Monitoring Results In Support of Site Closure
Ricoh Electronics, Inc. Facility
2320 Red Hill Avenue, Santa Ana, California
MACTEC Project 41981

Dear Mr. Bernhardt:

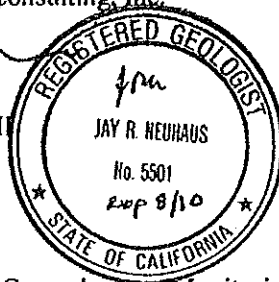
MACTEC Engineering and Consulting, Inc. (MACTEC) has prepared the subject report for Ricoh Electronics, Inc (Ricoh) regarding additional investigation at the adjacent property west of the Ricoh facility located at 2320 Red Hill Avenue in Santa Ana, California (Site). The additional investigation involved installing and monitoring of two groundwater monitoring wells at the adjacent property owned by Jaydee Enterprises (Jaydee). The scope of work outlined in this report was designed to provide groundwater data via the installation of two groundwater monitoring wells for verification of limited impact to Jaydee's property before site closure as per the request of Jaydee and the Santa Ana Regional Water Quality Control Board (SA RWQCB).

If you have any questions regarding the information presented in this report, please do not hesitate to contact the undersigned at (949) 224-0050.

Sincerely,

MACTEC Engineering and Consulting, Inc.

Jay R. Neuhaus, P.G., REA II
Project Manager



David J. DeVries, P.G., C.H.G.
Principal Hydrogeologist

No longer
Wood

Enclosures: **Report of Groundwater Monitoring Well Installations (JD-1 & JD-2) and**
Monitoring Results In Support of Site Closure

cc: Mr. Pedro Medrano, Ricoh Electronics, Inc.; 1100 Valencia Avenue; Tustin, California 92680

**REPORT OF GROUNDWATER MONITORING WELL INSTALLATIONS
FOR JD-1 & JD-2,
AND MONITORING RESULTS IN SUPPORT OF SITE CLOSURE
2320 RED HILL AVENUE, SANTA ANA, CALIFORNIA**

Prepared for:
RICOH ELECTRONICS, INC.
1100 Valencia Avenue, Tustin, California 92680



MACTEC Engineering and Consulting, Inc.
Irvine, California

January 29, 2010

Project 41981

TABLE OF CONTENTS

1.0	INTRODUCTION.....	3
2.0	SITE BACKGROUND.....	4
3.0	FIELD ACTIVITIES.....	8
3.1	HEALTH AND SAFETY PLAN.....	8
3.2	BORING LOCATIONS AND UTILITY CLEARANCE.....	8
3.2.1	GEOPHYSICAL SURVEY.....	9
3.3	PERMITS.....	9
3.4	DRILLING AND WELL INSTALLATION ACTIVITIES.....	9
3.5	WELL DEVELOPMENT AND GROUNDWATER SAMPLING ACTIVITIES	11
3.6	LABORATORY ANALYSIS.....	12
4.0	RESULTS.....	13
5.0	CONCLUSIONS.....	14
6.0	RECOMMENDATIONS.....	15
7.0	REFERENCES.....	16

LIST OF FIGURES

Figure 1 - Vicinity Map

Figure 2 - Well and Boring Location Map

Figure 3 - Groundwater Elevation Contour Map

Figure 4 - Summary of Analytical Results

LIST OF TABLES

Table 1 Summary of Groundwater Sample Analytical Results

LIST OF APPENDICES

Appendix A: Tables from Previous Investigations

Appendix B: Figures from Previous Investigations

Appendix C Monitoring Well Logs

Appendix D Field Data Sheets

Appendix E Laboratory Reports

1.0 INTRODUCTION

MACTEC Engineering and Consulting, Inc. (MACTEC) has prepared this report for Ricoh Electronics, Inc. (RicoH) for off-site investigation at the Ricoh facility located at 2320 Red Hill Avenue (Site) in Santa Ana, California (Figure 1, Vicinity Map). This report details the results of installation of two off-site wells on Jaydee property as part of the continued off-site investigation beneath the Jaydee property in support of Site closure, and the results of two rounds of groundwater sampling with the first occurring on October 8 and the second on November 9, 2009 as per the work plan. MACTEC and the Regional Water Quality Control Board Santa Ana Region (RWQCB) agreed to the general scope of work during a January 30, 2009 meeting and the work plan was submitted on April 30, 2009. The work plan was approved in a letter from the RWQCB dated July 8, 2009.

2.0 SITE BACKGROUND

In September of 1986 following the discovery of a leak from one of the three underground storage tanks (USTs) containing isoparaffinic hydrocarbon (isopar), Applied Geosciences performed a site investigation to assess the extent of contamination in soil and groundwater by advancing four soil borings and installing monitoring wells RIC-1 thru RIC-4. Analytical results for the soil samples from the vadose zone at 10 feet in depth indicated detectable concentrations of C6-C8 hydrocarbons (50, 1,000, 200, and 200 parts per million [ppm]) in the samples from RIC-1 thru RIC-4, respectively. Although free product was observed on the water table in wells RIC-1, RIC-2, and RIC-4, analytical results for the water samples from each of the wells were non-detect except for traces of hydrocarbons reported as mineral spirits in the samples from wells RIC-1 and RIC-4 (Applied Geosciences Inc., 1986). A summary of laboratory data was provided in Table 3 of the Applied Geosciences report and is included in Appendix A of this report.

Four recovery wells (IT-1 through IT-4) and a groundwater treatment system were installed by IT Corporation in 1988 for removal of isopar from the soil and groundwater. A total of 1,132,250 gallons of water were treated and a total of 4,192 gallons of isopar were recovered during the system operation until February 1991 (Applied Geosciences, 1991).

In March 1997, MACTEC collected groundwater samples from Site monitoring wells and detected the presence of Volatile Fuel Hydrocarbons (VFH). In August and September 1998, three USTs previously containing isopar (Isopar G and Isopar H) were removed along with impacted soil by Ricoh's contractor (HLA, 1999). VFH was detected in the soil samples collected from the excavation bottom and sidewalls with maximum concentrations (2,300 and 4,000 ppm) occurring at 14 and 8 feet below ground surface (bgs), respectively in the eastern area of eastern UST (Appendix A, Table 1 of HLA; Appendix B, Figure 2 of HLA). In 1998, one new Isopar UST was installed in the previous center tank location. MACTEC performed four quarters of groundwater monitoring to monitor potential concentrations of VFH in groundwater beneath the Site between December 1999 and September 2000.

Based on the analytical results of these quarterly groundwater sampling activities between December 3, 1999 and September 6, 2000, the SA RWQCB requested further assessment. In

December 2000, five additional soil borings (DP1 thru DP5) were completed by MACTEC via direct-push drilling methods in the vicinity of the former USTs. Soil and grab groundwater samples were collected to assess the extent of contamination in the surrounding areas of the USTs at the Site. The soil samples collected in the vadose zone were reported to not contain significant petroleum hydrocarbons (Appendix A, Table 1 of Harding ESE). The grab groundwater samples collected from borings DP1 and DP5 were reported with VFH concentrations of 8,000 and 4,500 milligrams per liter (mg/L), respectively (Harding ESE, 2001). A summary of soil and groundwater analytical results are presented in Tables 1 and 2 of the Harding ESE report which are provided in Appendix A.

On the basis of the laboratory results of the grab groundwater samples with regard to VFH, the SA RWQCB subsequently requested that confirmation groundwater sampling be performed in the area of DP1 and DP5. MACTEC prepared a workplan (dated May 29, 2002) that included confirmation groundwater sampling via the installation of two wells (CW-1 and CW-2), laboratory analyses for the presence of VFH, and a 24-hour vapor extraction/dual phase extraction (TPE) test on one of the confirmation wells. The SA RWQCB approved the workplan in July 2002 and the two wells were installed and sampled in January and February 2003, respectively (MACTEC, 2003). The VFH concentrations in wells CW-1 and CW-2 were reported at 0.45 and 2.1 mg/L, respectively. TRC Alton Geoscience (TRC) performed a 24-hour TPE testing on CW-1, which resulted in recovery of approximately 4,040 gallons of water and 2.1 gallons (equivalent) of VFH indicating no significant source remaining in the soil or groundwater.

In March 2005, the SA RWQCB requested additional groundwater sampling data from wells CW-1 and CW-2 since grab water samples DP1 and DP5 had higher concentrations of VFH. As requested by the SA RWQCB, MACTEC subsequently performed an additional two quarters of confirmation groundwater sampling of wells CW-1 and CW-2. Based on the results (0.086 and 0.4 mg/L in CW-1 and CW-2, respectively) of the third quarter 2005 confirmation groundwater sampling, MACTEC requested regulatory site closure. The third quarter 2005 results appeared to indicate that VFH concentrations at the site are stable (MACTEC, 2005 [please refer to Appendix A, Table 3 of the MACTEC 2005 report for historical groundwater concentrations]).

In April 2006, SA RWQCB requested a letter documenting the human health risk associated with isopar be prepared to support site closure. Accordingly, in May 2006, MACTEC in a report

concluded that no significant risk with regard to remnant concentrations of VFH in site groundwater appeared to exist based on the elimination of potential exposure pathways (MACTEC, 2006).

In October 2006, the final 40,000-gallon Isopar UST was removed from the site, soil samples were collected from 2 feet under the UST and the dispenser in addition to samples of the stockpile. Two water samples were also collected from the bottom of the UST excavation (Tait Environmental Management, Inc. [TEM], 2006). Analytical results indicated that total petroleum hydrocarbons (TPH) as diesel ranged from 26 to 360 mg/kg in soil and 0.48 to 0.53 mg/L in water. Although TPH as motor oil was also reported in the soil samples at concentrations from 77 to 860 mg/kg, it was non-detect in water samples (please refer to Appendices A and B for the analytical results and sample locations). On January 24, 2007, the SA RWQCB issued a letter to Ricoh (referencing LUSTIS Case Number 083000552T) presenting conditions required to issue Ricoh a "No Further Action/Site Closure Letter" for the Santa Ana Facility.

In January of 2007, Ricoh received a letter from the SA RWQCB stating that the UST case for the site is being considered for closure. A second letter was also received that detailed the administrative and monitoring well destruction steps Ricoh should take to obtain closure.

A subsequent telephone call from the SA RWQCB indicated that Jaydee, the owners of the adjacent property, requested that site closure be postponed pending a final investigation of their property..

MACTEC prepared a work plan for and conducted an investigation of off-site soil and groundwater in June 2008 beneath the J.D Enterprises property to substantiate MACTEC's Site closure request status. Interphase Environmental, Inc. supervised by a MACTEC geologist installed a total of six direct-push soil borings (B-1-B-6) to depths of 17 to 44 feet bgs (Figure 2, Site Plan). Soil samples were collected at 5-foot intervals and submitted to the State of California certified laboratory for analysis under chain-of-custody protocols. Soils were collected in accordance with EPA 5035 methodology requirements for volatile fuel hydrocarbons (VFHs) and benzene, toluene, ethylbenzene, and total xylene (BTEX) analysis using TerraCore kits that were provided by the laboratory. Upon encountering groundwater, MACTEC also collected reconnaissance groundwater samples at borings B-3 and B-5 between 35-45 feet bgs, using disposable bailers through a

temporary casing and screen (PVC). Soil and groundwater samples were stored in and ice-chilled cooler during field activities and during transportation to the laboratory. Soils encountered in each of the borings were logged by a geologist in general accordance with ASTM Method D 2488-93 (Visual-Manual Procedure) and screened in the field using a photoionization detector (PID). Upon completion of the sampling activities, each of the borings were backfilled with bentonite and hydrated, and capped to match the surrounding surface materials/grade (gravel in most cases). Soil cuttings and purge/decontamination water was placed in Department of Transportation 20-gallon drum, sealed, labeled, and placed at a secure location as directed by Ricoh.

- Soil samples were collected from borings B-1 through B-6 at 5, 10, and 15 feet in depth. Volatile fuel hydrocarbons (VFH) by 8015B were detected as follows: in sample B-1@15' (130 mg/kg); B-2@10', B-2@15' (300 and 130 mg/kg respectively), B-3@5', B-3@10', and B-3@15' (170, 250, and 81 mg/kg respectively); B-4@10 and B-4@15' (220 and 140 mg/kg); B-5@5', B-5@10', and B-5@15' (2.4, 29, and 490 mg/kg); and B-6@10' and B-6@15' (320 and 300 mg/kg respectively). VFHs were not detected in any of the remaining soil samples selected for analysis. Analyses for Extractable Fuel Hydrocarbons (EFHs), which includes both diesel range and grease range (C13-C40) for the off-site samples resulted in all nondetects. For BTEX analyses only three samples had detections of benzene and toluene: B-3@10', B-5@15', and B-6@10' with detections ranging from 1.9-2.4 µg/kg benzene and 1.9-2.5 µg/kg toluene.
- VFHs were not detected in the groundwater samples collected from B-3 and B-5.

On January 30, 2009 MACTEC and Ricoh met with RWQCB staff to discuss the results of the June 2008 soil and groundwater investigation. During the meeting the RWQCB recommended installation of two new wells in proximity to borings B-5 and B-6 on JAYDEE property to assess if water is present at depths shallower than 35 to 45 feet bgs. RWQCB staff indicated that they want to install monitoring wells to allow groundwater to percolate in if it is present since soil borings B-5 and B-6 did not indicate the presence of groundwater between 10 and 25 feet bgs.

3.0 FIELD ACTIVITIES

The scope of work included, (1) preparing/updating a health and safety plan (HASP) for the site, (2) marking boring locations in the field, (3) subsurface utility clearance, (4) field activities for advancing soil borings to install two new groundwater monitoring wells, (5) development and sampling of the wells in two separate events (one month apart), (6) laboratory analysis of groundwater samples, (7) preparation of a report, and (8) disposal of investigation derived-waste (soil and decontamination water).

3.1 HEALTH AND SAFETY PLAN

Prior to conducting subsurface exploration, a site-specific Health and Safety Plan (HASP) outlining health and safety procedures to be followed during field activities and including Job Hazard Analysis reviews was prepared. The HASP was prepared in accordance with federal/state regulations and in general conformance with Occupational Safety and Health Administration (OSHA) guidelines (29 CFR 1910) with particular emphasis on safe work practices for drilling and sampling activities. Each day prior to commencement of field activities, MACTEC personnel conducted site health and safety meetings with drilling subcontractor onsite. Following the meetings, field personnel signed relevant portions of the HASP to document that they have reviewed, understood, and complied with the HASP. The HASP was available onsite throughout the performance of soil and groundwater sampling field activities.

3.2 BORING LOCATIONS AND UTILITY CLEARANCE

The proposed groundwater monitoring well locations are shown in Figure 2. These were determined based upon the January 8, 2009 RWQCB meeting, to address the objectives of this investigation in regards to groundwater beneath the adjacent J.D Enterprises property, as well as closure for the subject Site. Previously advanced soil borings, B-1 thru B-6, and DP2 and DP4, monitoring wells RIC-2 and RIC-3, and extraction well EW-1 were located in J.D Enterprises property. Therefore, the data from the proposed borings will be used to supplement the already existing data for J.D Enterprises property in support of site closure.

Following the marking of proposed boring locations in the field, MACTEC contacted Underground Service Alert of Southern California (USA), a free public utility locating service, to assess the areas

surrounding proposed boring locations for potential public utilities. USA will be contacted at least 48 hours prior to scheduled exploration activities in an effort to locate possible underground utility lines at the Site. To further reduce, but not eliminate, the risk of encountering and/or damaging private underground utilities.

3.2.1 GEOPHYSICAL SURVEY

MACTEC retained the services of Spectrum Geophysics, Inc. (Spectrum) on September 28, 2009, to screen the proposed boring location and perform a geophysical survey in the area of the southern portion of the Site where the sign is to be constructed. The boring screening activities were performed to reduce (but not eliminate) the risk of damaging possible underground utility lines and cables, if present, at the proposed boring locations. The geophysical survey was conducted to assess whether utilities or other objects were present beneath the Site. Subsurface used electromagnetic (EM) and ground penetrating radar (GPR) instrumentation to document the presence of subsurface features (anomalies).

3.3 PERMITS

A permit application complete with supporting documentation was prepared for submittal to the Orange County Health Care Agency, Environmental Health Division (HCA EHD) for the planned groundwater monitoring wells that were installed and sampled. Drilling and groundwater sampling activities took place, following the issuance of the required permit.

3.4 DRILLING AND WELL INSTALLATION ACTIVITIES

On September 29, 2009, MACTEC oversaw the drilling of two soil borings on the J.D Enterprises property (JD-1 and JD-2). The borings were advanced by BC2, Inc. of Los Angeles California, using hollow stem auger drilling equipment up to maximum depths of 25 feet bgs. The boring locations are presented on Figure 2, Site Plan. Prior to the drilling, the boring locations were hand augered down to 5 feet below ground surface as a further precaution to avoid hitting any subsurface utilities.

As part of the proposed field investigation, soil samples were continuously sampled and logged for lithology purposes, using a 2.5-inch diameter split-spoon barrel sampler. Soil samples were logged by a geologist in general accordance with ASTM Method D 2488-93 (Visual-Manual Procedure) using the Unified Soil Classification System (USCS), and at approximately every two feet, duplicate samples were field screened for the presence of volatile organic compounds (VOC's) by headspace analysis using a photoionization detector (PID) which is a type of organic vapor analyzer (OVA) calibrated to 50 parts per million by volume (ppmv) of hexane. The PID readings were recorded on the boring logs. Soil was removed from each 2.5-foot run of core barrel and placed in a sealable plastic bag for headspace analysis with the PID. Headspace analysis resulted in detections at both JD-1 and JD-2 with concentrations ranging from 3.4->9,999 in JD-1 and 7.9-3,500 in JD-2. Analyses of soil samples was not conducted during this field event since soil samples were collected and analyzed from borings B-5 and B-6 which are adjacent to the two wells (JD-1 and JD-2 respectively). Refer to the June 17, 2008 data in Appendix A.

Soil cuttings and decontamination water generated during drilling activities were placed in Department of Transportation (DOT)-approved 55-gallon drums. The drums were sealed and labeled in accordance with standard environmental protocols. The drums were temporarily left on-site at a secure location as directed by Ricoh, pending transport and disposal by a waste management contractor.

The two exploratory borings (JD-1 and JD-2) were converted to groundwater monitoring wells. The monitoring wells were constructed with 2-inch diameter PVC casing and 15 feet of 0.010-inch slotted screen, set from 10 feet bgs to the total depth of 25 feet. The well annulus was backfilled with #2/12 Monterey sand to approximately 2 feet above the well screen, followed by a three foot bentonite seal and bentonite grout to the surface. A locking cap was placed on the wellhead, which was enclosed in a flush-mounted traffic rated vault. Sand pack was surged during installation to allow settlement prior to bentonite seal placement. The new wells were surveyed by licensed surveyors Dulin and Boynton on December 2, 2009, in and accordance with Geotracker guidelines and the survey data is provided in Appendix A.

3.5 WELL DEVELOPMENT AND GROUNDWATER SAMPLING ACTIVITIES

On October 5, 2009 MACTEC oversaw the well development of JD-1 and JD-2, provided by BC2 Drilling. During development, purge water from the wells were monitored for parameters such as turbidity, pH, electric conductivity (EC), and temperature; development was deemed complete once these parameters had been stabilized. Well development field data sheets are presented in Appendix D.

Development water generated during well development activities were placed in Department of Transportation (DOT)-approved 55-gallon drums. The drums were sealed and labeled in accordance with standard environmental protocols. The drums were temporarily left on-site at a secure location as directed by Ricoh, pending transport and disposal by a waste management contractor. Groundwater elevations were recorded for each of five existing wells and the two proposed wells to allow groundwater gradient contouring.

On October 8, 2009, MACTEC returned to the site to purge three to five casing volumes from JD-1, JD-2, plus EW-1 (Figure 2) and collect groundwater samples from the 3 wells. These wells were purged using an electric pump that was washed before placing into each well, as described in the field procedures in the work plan (MACTEC, 2009). Purge water from the wells were monitored for parameters such as turbidity, pH, electric conductivity (EC), and temperature; purging was deemed complete once these parameters had been stabilized. Well purging field data sheets are presented in Appendix D. Groundwater samples from each well were collected using a 1.5-inch diameter, disposable polyethylene bailer, lowered just below the static water level in the well. The samples were carefully transferred from the bailer to three 40-milliliter glass VOAs preserved with hydrochloric acid and one 1-Liter glass amber bottle. The samples were labeled in accordance with the specified sampling procedures and stored in a chilled ice chest for delivery to a state-certified analytical laboratory. The samples were accompanied by chain-of-custody records, and taken to Test America Laboratories located in Irvine, California.

On November 9, 2009, MACTEC returned to the site to purge and sample the same three wells. During sampling, purge water from the wells were monitored for parameters such as turbidity, pH, electric conductivity (EC), and temperature. The same procedures were followed, and the samples

were accompanied by chain-of-custody records, and taken to TestAmerica Laboratories located in Irvine, California for analyses.

3.6 LABORATORY ANALYSIS

Laboratory analysis for the three groundwater monitoring well samples consisted of total petroleum hydrocarbons in the isopar range (isopar G/H) via EPA Method 8015B including Volatile Fuel Hydrocarbons in the C4-12 range (VFH) (also known as Gas Range Organics) and Extractable Fuel Hydrocarbons (EFH) in the C13-C40 range, and volatile organic compounds (VOCs) via EPA Method 8260B. At the request of the RWQCB the full standard list of VOCS by Method 8260B was provided rather than BTEX only.

4.0 RESULTS

Groundwater samples collected during the two sampling events (October 8 and November 9, 2009 – as per the Work Plan) were analyzed for total petroleum hydrocarbons in the isopar range (isopar G/H) via EPA Method 8015B including Volatile Fuel Hydrocarbons in the C4-12 range (VFH) (also known as Gas Range Organics) and Extractable Fuel Hydrocarbons (EFH) in the C13-C40 range and VOCs by EPA Method 8260B. Laboratory analytical services were provided by TestAmerica and the laboratory results are provided in Appendix E. Results indicated that low levels of Volatile Fuel Hydrocarbons(VFH), which have a carbon range of C4-C12, were detected in samples collected from groundwater monitoring wells JD-1 and JD-2 but not in EW-1 (Figure 4, Table 1). The concentrations of VFH ranged from 0.052 mg/L to 0.19 mg/kg in JD-1 and JD-2. Extractable Fuel Hydrocarbons were detected in extraction well EW-1 at a concentration of 0.66 mg/L in the October 8 sampling event and 0.38 mg/L in the November 9 sampling event. Samples from JD-1 were nondetect for EFH, however JD-2 sample analysis resulted in a detection of 0.16 mg/L for the October sample only. The groundwater samples were nondetect for all VOCs analyzed (see the laboratory reports for the list of analytes and the detection limits) with the exception of a detection of acetone (6.5 micrograms per liter {µg/L}) and tert-Butanol (7.9 . µg/L) from JD-1 from the November sampling event only.

5.0 CONCLUSIONS

The analysis of groundwater samples from off-site confirmation monitoring wells JD-1 and JD-2 resulted in detections of low levels of VFH ranging from 0.052-0.190 mg/L for the two sampling events in October and November. The samples collected from extraction well EW-1 were non-detect for VFH, however there were detections of EFH from EW-1 samples in the range of 0.38-0.66 mg/L. Isopar is composed generally of petroleum hydrocarbon in the C10-C12 range. Based upon the laboratory results, the detected concentrations in JD-1 and JD-2 are in the C9 and C10 range. These results indicate that groundwater beneath the adjacent property is not impacted by VFH at levels that are of concern and the situation is stable.

Based on the soil and groundwater investigation results presented in this and the previous report, MACTEC concludes the following.

- EFH, ethybenzenes, and total xylenes were not detected in the soil samples collected from Jaydee property in June of 2008.
- VFH was detected at a maximum concentration of 490 mg/kg in soil samples collected from Jaydee property in June 2008. These concentrations are lower relative to those detected in the soil and groundwater samples collected during the 1998 UST removals and 1999 soil borings indicating that concentrations are decreasing in directions outward laterally from the former UST locations.
- The analysis of groundwater samples from three groundwater wells in October and November 2009 on the Jaydee property indicate that groundwater beneath Jaydee property is not impacted by VFHs or EFHs at levels that are a concern and the situation is stable.
- A comparison of the concentrations for 2009 groundwater samples collected from JD-1 and JD-2 to the most recent (2005) groundwater concentrations for wells RIC-4, CW-1, and CW-2, indicate that the concentrations are lower in JD-1 and JD-2 (Figure 4).

6.0 RECOMMENDATIONS

Since VFH detections in groundwater from the new wells JD-1 and JD-2 were either non-detect or lower than the most recent detections reported for groundwater samples from Ricoh property and these low levels do not pose a health risk, Ricoh requests that the Santa Ana Regional Water Quality Control Board grant case closure.

7.0 REFERENCES

- Applied Geosciences Inc., 1986, Report on the Investigation of the Concentration and Extent of Petroleum Products in the Subsurface at the Ricoh Electronics Inc. Facility, Santa Ana, California, September 4.
- Applied Geosciences Inc., 1991, Evaluation of the Isopar Recovery and Groundwater Treatment System at the Ricoh Electronics Inc. Facility in Santa Ana, California, July 8.
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- Harding ESE, 2001, Soil and Grab Groundwater Report, Ricoh Electronics, Inc., Santa Ana Facility, 2320 Red Hill Avenue, Santa Ana, California, January 26.
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- MACTEC, 2008, Off-Site Soil and Grab Groundwater Report: Ricoh Electronics Facility, 2320 Red Hill Avenue, Santa Ana, California, July 31.
- Tait Environmental Management, Inc. (TEM), 2006, Tank Closure Report, Ricoh Electronics, 2320 Red Hill Avenue, Santa Ana, California, November 3.

TABLES

Table 1 - Summary of Groundwater Sample Analytical Results
Off-Site Groundwater Monitoring Well Sampling, J.D. Enterprises Property
Ricoh Electronics Inc., Santa Ana

Well Number	Sample Date	Groundwater Elevation	VFH (C4-C12) (mg/L)	EFH (C10-C28) (mg/L)	VOC's and Oxygenates (µg/L)
JD-1	10/8/2009	--	0.19	0.16	ND
	11/9/2009	43.34	0.084	ND	Acetone (6.5) TBA (7.9)
JD-2	10/8/2009	--	0.052	ND	ND
	11/9/2009	43.24	0.08	ND	ND
EW-1	10/8/2009	--	ND	0.66	ND
	11/9/2009	42.33	ND	0.38	ND
EW-4	11/9/2009	Dry	NS	NS	NS
CW-1	11/9/2009	43.55	NS	NS	NS
CW-2	11/9/2009	43.46	NS	NS	NS
RIC-4	11/9/2009	43.85	NS	NS	NS

Notes:

mg/kg = micrograms per kilogram

ND = Not Detected

NS - Not Sampled

VFH: Volatile Fuel Hydrocarbons

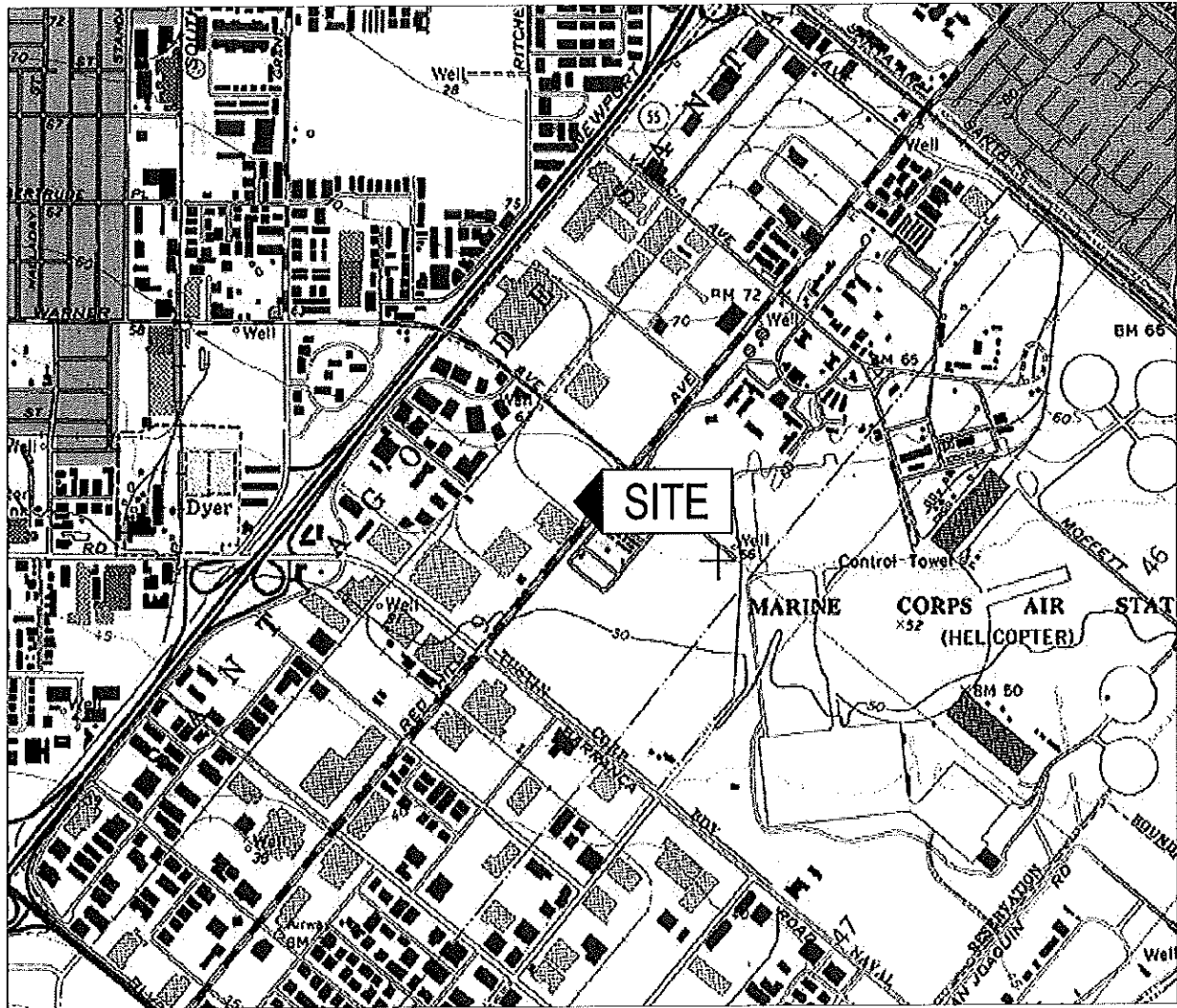
EFH: Extractable Fuel Hydrocarbons

TBA - tert-Butanol

Created by: RM

Reviewed by: JRN

FIGURES



SCALE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

REFERENCE: USGS 7.5-MINUTE QUADRANGLE, TUSTIN, CALIFORNIA



2171 CAMPUS DRIVE, SUITE 100
IRVINE, CA 92612

DWG BY
JTL

DATE
3/01

REV BY
MY

REVISED
06/07

REVIEWED BY

REVIEWED DATE

VICINITY MAP

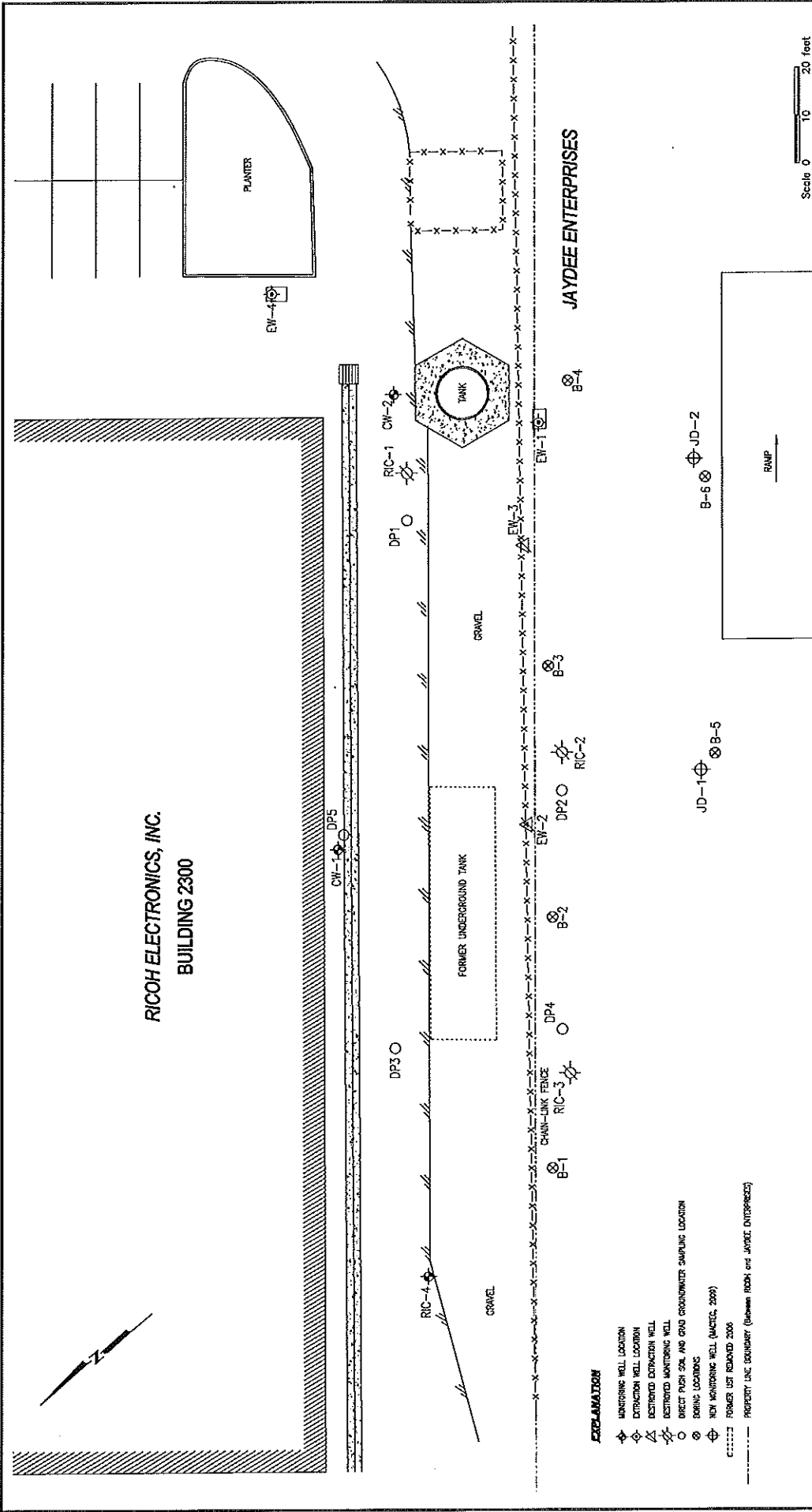
Ricoh Electronics, Inc.
2300 Redhill Avenue
Santa Ana, California

FIGURE NO.

1

PROJECT NO.

41981-10.1

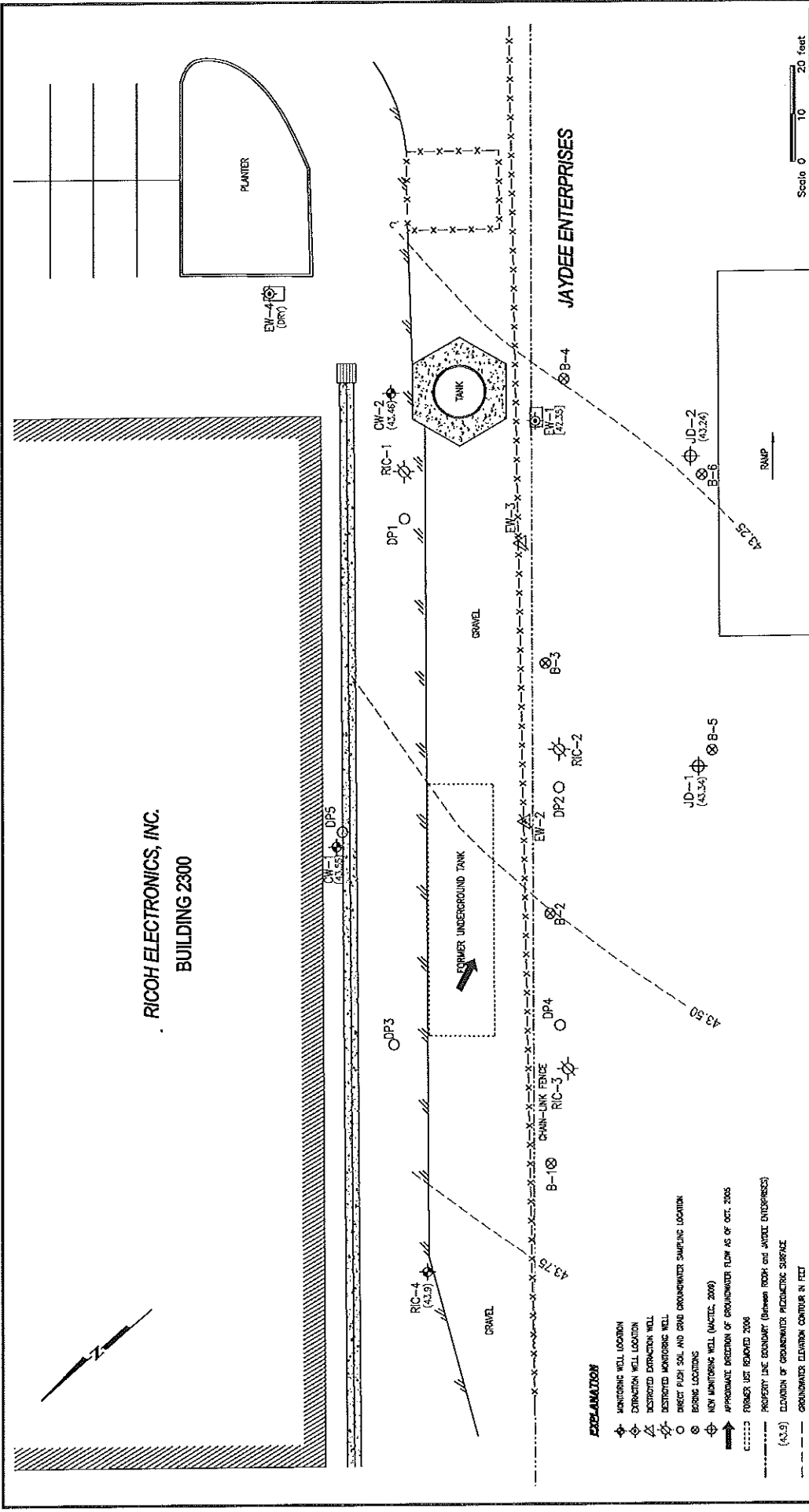


MACTEC 2171 CAMPUS DRIVE, SUITE 100 IRVINE, CA 92612		WELL AND BORING LOCATION MAP OFF-SITE SOIL AND GROUNDWATER INVESTIGATION IN SUPPORT OF SITE CLOSURE		FIGURE NO. 2
DWS BY JTL	DATE 3/01	REVIEWED BY JTL	REVIEWED DATE 12/09	PROJECT NO. 41981-12.3
Ricoh Electronics, Inc. 2320 Rod Hill Avenue Santa Ana, California				

BUILDING

EXPLANATION

- ◆ MONITORING WELL LOCATION
- ◇ EXTENSION WELL LOCATION
- △ RESTRICTED EXTRACTOR WELL
- RESTRICTED MONITORING WELL
- DIRECT PUMP SOIL AND GRAV GROUNDWATER SAMPLING LOCATION
- BORING LOCATIONS
- ◆ NEW MONITORING WELL (MACTEC, 2009)
- FORMER USE REMOVED 2009
- PROPERTY LINE BOUNDARY (between Ricoh and Jaydee Enterprises)



MACTEC 2171 CAMPUS DRIVE, SUITE 100 IRVINE, CA 92612		DRAWN BY JTL DATE 3/01		GROUNDWATER ELEVATION CONTOUR MAP		FIGURE NO. 3
PROJECT NO. 41887-12.3		REVIEWED BY JTL REVIEWED DATE 12/09		Ricoh Electronics, Inc. 2220 Red Hill Avenue Santa Ana, California		

BUILDING

EXPLANATION

- MONITORING WELL LOCATION
- EXTRACTION WELL LOCATION
- RESTRICTED EXHAUSTION WELL
- RESTRICTED MONITORING WELL
- SHIELD PUMP SOIL AND GRAV GROUNDWATER SAMPLING LOCATION
- BORING LOCATION
- NEW MONITORING WELL (MACTEC, 2009)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW AS OF OCT. 2008
- FORMER LOT BOUNDARY
- PROPERTY LINE BOUNDARY (BETWEEN RICOH AND JAYDEE ENTERPRISES)
- ELEVATION OF GROUNDWATER PNEUMATIC SURFACE
- GROUNDWATER ELEVATION CONTOUR IN FEET
- GROUNDWATER ELEVATION DATA REPRESENTS BEFORE ZONE



APPENDIX A

Tables from Previous Investigations

- 1) Table 3. Summary of Laboratory Data (Applied Geosciences, Inc., 1986)**
- 2) Table 1. Summary of Soil Sample Analytical Results, Excavation Bottom and Sidewall Sampling, UST Removal, 1998 (HLA, 1999)**
- 3) Table 1. Summary of Soil Analytical Results, Ricoh Electronics, Inc., Santa Ana, California (Harding ESE, 2001)**
- 4) Table 2. Summary of Grab Groundwater Analytical Results, Ricoh Electronics, Inc., Santa Ana, California (Harding ESE, 2001)**
- 5) Table 3. Historical Groundwater Analytical Results, Ricoh Electronics, Inc., Santa Ana, California (MACTEC, 2005)**
- 6) Table 1, Summary of Soil and Water Laboratory Analyses, Ricoh Electronics, 2320 Red Hill Avenue, Santa Ana, California (TEM, 2006)**
- 7) Table 1, Summary of Soil Analytical results, Ricoh Electronics, 2320 Red Hill Avenue, Santa Ana, California (MACTEC, 2008)**
- 8) Table 2, Summary of Grab Groundwater Analytical results, Ricoh Electronics, 2320 Red Hill Avenue, Santa Ana, California (MACTEC, 2008)**

TABLE 3. SUMMARY OF LABORATORY DATA

SOIL SAMPLES

	Well No.						
	RIC-1	RIC-2	RIC-3	RIC-4	RIC-5	RIC-6	RIC-7
Gasoline	ND<10 ¹	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Diesel Fuel	ND<25 ²	ND<25	ND<25	ND<25	ND<25	ND<25	ND<25
Mineral Spirits	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Kerosine	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
C6-C8	50 ³	1,000	200	200	ND<10	ND<10	ND<10
Benzene	-	-	-	-	ND<.2 ⁴	ND<.2	ND<.2
Toluene	-	-	-	-	ND<.2	ND<.2	ND<.2
Xylene	-	-	-	-	ND<.2	ND<.2	ND<.2
Ethylbezene	-	-	-	-	ND<.2	ND<.2	ND<.2

GROUNDWATER SAMPLES

	Well No.						
	RIC-1	RIC-2	RIC-3	RIC-4	RIC-5	RIC-6	RIC-7
Gasoline	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Diesel Fuel	ND<25	ND<25	ND<25	ND<25	ND<25	ND<25	ND<25
Mineral Spirits	TR<10 ⁵	ND<10	ND<10	TR<10	ND<10	ND<10	ND<10
Kerosine	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Benzene	-	-	-	-	ND<.2	ND<.2	ND<.2
Toluene	-	-	-	-	ND<.2	ND<.2	ND<.2
Xylene	-	-	-	-	ND<.2	ND<.2	ND<.2
Ethylbezene	-	-	-	-	ND<.2	ND<.2	ND<.2

Notes:

1. ND<10 - not detected, less than 10 parts per million (ppm)
2. ND<25 - not detected, less than 25 ppm
3. parts per million (ppm)
4. ND<.2 - not detected, less than 0.2 ppm
5. TR<10 - trace detected, but not quantified

Table 1
Summary of Soil Sample Analytical Results
Excavation Bottom and Sidewall Sampling
UST Removal, 1998

Sample ID ₁	Sample Depth (feet)	Date Sampled	EPA Method 8015	Comments
			Volatile Fuel Hydrocarbons (mg/kg)	
EX-1	16	8/6/98	190	Center 50,000 gallon Isopar "H" UST
EX-2	16	8/6/98	590	"
EX-3	16	8/6/98	220	"
EX-4	16	8/6/98	910	"
EX-5	7	8/7/98	640	"
EX-6	7	8/7/98	370	"
EX-7	7	8/7/98	450	"
EX-8	7	8/7/98	480	"
EX-9	7	8/7/98	35	"
EX1-1	14	9/11/98	680	Western 30,000 gallon Isopar "H" UST
EX1-2	14	9/11/98	1,600	"
EX1-3	14	9/18/98	<1.0>	"
EX1-4	6	9/18/98	<1.0>	"
EX1-5	6	9/18/98	<1.0>	"
EX1-6	6	9/18/98	600	"
EX2-1	14	9/11/98	2,300	Eastern 50,000 gallon Isopar "G" UST
EX2-2	4	9/14/98	<1.0>	"
EX2-3	4	9/14/98	<1.0>	"
EX2-4	4	9/14/98	<1.0>	"
EX2-5	4	9/14/98	<1.0>	"
EX2-6	8	9/14/98	810	"
EX2-7	8	9/14/98	4,000	"
EX2-8	8	9/14/98	1,200	"
EX2-9	8	9/14/98	<1.0>	"

Notes:

<1.0> = Compound not detected above enclosed detection limits.

mg/kg = milligrams per kilogram

Table 1
Summary of Soil Analytical Results
Ricoh Electronics, Inc.
Santa Ana, California

Sample ID	Collection Method	Depth (feet bgs)	Date Collected	EPA 8015B	EPA 8260B
				VFHs	VOCs
				(mg/kg)	(µg/kg)
DP1-8	Geoprobe	8	12/19/00	1.9	ND
DP2-8	Geoprobe	8	12/19/00	ND	ND
DP3-8	Geoprobe	8	12/19/00	ND	ND
DP4-8	Geoprobe	8	12/19/00	ND	ND
DP4-19	Geoprobe	19	12/19/00	ND	ND
DP5-8	Geoprobe	8	12/19/00	ND	ND
DP5-10	Geoprobe	10	12/19/00	ND	ND

Table 2
Summary of Grab Groundwater Analytical Results
Ricoh Electronics, Inc.
Santa Ana, California

Sample ID	Collection Method	Depth to Groundwater (feet bgs)	Date Collected	EPA 8015B	EPA 8260B
				VFHs	VOCs
				(µg/l)	(µg/l)
DP1-H ₂ O	Geoprobe	15	12/19/00	8,000,000	ND
DP2-H ₂ O	Geoprobe	15	12/19/00	140	ND
DP3-H ₂ O	Geoprobe	15	12/19/00	54	ND
DP5-H ₂ O	Geoprobe	15	12/19/00	4,500,000	ND

Notes:

bgs = below ground surface

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

µg/l = micrograms per liter

ND = Not detected above the method detection limit

VOCs = Volatile Organic Compounds

VFHs = Volatile Fuel Hydrocarbons

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 Ricoh Electronics, Inc.
 Santa Ana, California

Well Number	Date Sampled	EPA Method 5030B/8015B VFH (mg/l)	EPA Method 5030B/8021B				
			Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Total Xylenes (ug/l)	MTBE (ug/l)
EW-1 (duplicate)	12/03/99	ND(0.05)	--	--	--	--	--
	03/02/00	0.073	--	--	--	--	--
	06/12/00	ND(0.05)	ND(0.30)	ND(0.30)	ND(0.30)	0.89	ND(10)
	09/06/00	ND(0.05)	ND(0.30)	0.35	0.33	1.2	ND(10)
	03/02/01	ND(0.05)	ND(0.30)	0.38	ND(0.30)	0.61	ND(10)
	09/05/01	ND(0.05)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.60)	ND(10)
	02/19/03	0.64	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(5.0)
	02/19/03	0.62	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(5.0)
EW-4	12/03/99	ND(0.05)	--	--	--	--	--
	03/02/00	ND(0.05)	--	--	--	--	--
	06/12/00	ND(0.05)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.60)	ND(10)
	09/06/00	ND(0.05)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.60)	ND(10)
	03/02/01	ND(0.05)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.60)	ND(10)
	09/05/01	ND(0.05)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.60)	ND(10)
	02/19/03	ND(0.05)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(5.0)
RIC-4 (duplicate #1) (duplicate #1)	12/03/99	0.81J	--	--	--	--	--
	03/02/00	0.52	--	--	--	--	--
	06/12/00	0.6	ND(3.0)	ND(3.0)	ND(3.0)	22	ND(100)
	09/06/00	3.1	ND(1.5)	ND(1.5)	ND(1.5)	28	ND(50)
	03/02/01	0.14	ND(0.30)	ND(0.30)	ND(0.30)	0.89	ND(10)
	03/02/01	0.28	ND(0.30)	0.59	ND(0.30)	1.6	ND(10)
	09/05/01	0.13	ND(0.30)	ND(0.30)	2.3	4.3	ND(10)
	09/05/01	0.43	ND(0.30)	ND(0.30)	ND(0.30)	5.5	ND(10)
	0.22	ND(2.0)	5.1	ND(2.0)	ND(2.0)	ND(5.0)	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 Ricoh Electronics, Inc.
 Santa Ana, California

Well Number	Date Sampled	EPA Method 5030B/8015B VFH (mg/l)	EPA Method 5030B/8021B				
			Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Total Xylenes (ug/l)	MTBE (ug/l)
CW-1	02/19/03	0.45	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(5.0)
	04/08/05	0.086	NA	NA	NA	NA	NA
	09/23/05	0.29	NA	NA	NA	NA	NA
CW-2	02/19/03	2.1	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(5.0)
	04/08/05	0.4	NA	NA	NA	NA	NA
	09/23/05	2.4	NA	NA	NA	NA	NA

Notes:

MTBE = methyl-tert-butyl ether
 VFH = volatile fuel hydrocarbons
 ug/l = micrograms per liter
 mg/l = milligrams per liter
 -- = not analyzed
 J = estimated value; below the reporting limit.

Created by/Date: M. Prasad/10-15-05
 Reviewed by/Date: _____

TABLE 1.
SUMMARY OF SOIL AND WATER LABORATORY ANALYSES

RICOH ELECTRONICS
2320 REDHILL AVENUE
SANTA ANA, CALIFORNIA

Sample Number	Date Sampled	Sample Type	TPH (GRO) (C6 - C12) (mg/kg)	TPH (DRO) (C13 - C28) (mg/kg)	TPH (MORO) (C29 - C40) (mg/kg)
T1	10/6/2006	Soil	ND	87	360
T2	10/6/2006	Soil	ND	26	110
P1	10/6/2006	Soil	ND	ND	77
P2	10/6/2006	Soil	ND	360	860
SP1	10/6/2006	Soil	ND	260	450
SP2	10/6/2006	Soil	ND	91	180
SP3	10/6/2006	Soil	ND	79	120
SP4	10/6/2006	Soil	ND	170	500
SP5	10/6/2006	Soil	ND	150	440
SP6	10/6/2006	Soil	ND	140	440
SP7	10/6/2006	Soil	ND	88	240
SP8	10/6/2006	Soil	ND	210	520
SP9	10/6/2006	Soil	ND	150	510
SP10	10/6/2006	Soil	ND	110	230
W1	10/6/2006	Water	ND	0.53 *	ND
W2	10/6/2006	Water	ND	0.48 *	ND
Reporting Limits		Soil		10	10
Reporting Limits		Water		0.50 mg/L	0.50 mg/L

Notes:

TPH (GRO) (C6 - C23) = Total Extractable Petroleum Hydrocarbons as Gasoline

TPH (DRO) (C13 - C23) = Total Extractable Petroleum Hydrocarbons as Diesel

TPH (MORO) (C29 - C40) = Total Extractable Petroleum Hydrocarbons as Motor Oil

ND = Not detected above laboratory reporting limits.

* = Concentrations reported in milligrams per Liter (mg/L).

Table 1
Summary of Soil Analytical Results
Ricoh Electronics, Inc.
Santa Ana, California

Boring No.	Sample ID	Collection Method	Depth (feet bgs)	Date Collected	EPA 8015B		EPA 8015M		EPA 8260B			
					EFH's	(mg/kg)	VFH's	(mg/kg)	Benzene	Toluene	Ethylbenzene	Total Xylenes
B-1	B-1@5ft	Geoprobe	5	06/17/08	ND		ND		ND	ND	ND	ND
	B-1@10ft	Geoprobe	10	06/17/08	ND		ND		ND	ND	ND	ND
B-2	B-2@5ft	Geoprobe	5	06/17/08	ND		130		ND	ND	ND	ND
	B-2@10ft	Geoprobe	10	06/17/08	ND		300		ND	ND	ND	ND
B-3	B-3@5ft	Geoprobe	5	06/17/08	ND		130		ND	ND	ND	ND
	B-3@10ft	Geoprobe	10	06/17/08	ND		170		ND	ND	ND	ND
B-4	B-4@5ft	Geoprobe	5	06/17/08	ND		81		ND	ND	ND	ND
	B-4@10ft	Geoprobe	10	06/17/08	ND		220		ND	ND	ND	ND
B-5	B-5@5ft	Geoprobe	5	06/17/08	ND		140		ND	ND	ND	ND
	B-5@10ft	Geoprobe	10	06/17/08	ND		2.4		ND	ND	ND	ND
B-6	B-6@5ft	Geoprobe	5	06/17/08	ND		29		1.9	2	ND	ND
	B-6@10ft	Geoprobe	10	06/17/08	ND		320		2.3	1.9	ND	ND
	B-6@15ft	Geoprobe	15	06/17/08	ND		300		ND	ND	ND	ND

Notes:

bgs = below ground surface
mg/kg = milligrams per kilogram
µg/l = micrograms per liter
ND = Not detected above the method detection limit
VFH's = Volatile Fuel Hydrocarbons - (C4 through C12)
EPH's = Extractable Fuel Hydrocarbons - (C13 through C40)

Table 2
Summary of Grab Groundwater Analytical Results
Ricoh Electronics, Inc.
Santa Ana, California

<i>Boring No.</i>	<i>Sample ID</i>	<i>Collection Method</i>	<i>Depth to Groundwater (feet bgs)</i>	<i>Date Collected</i>	<i>EPA 8015B</i>
					<i>VFHs</i>
					<i>(µg/l)</i>
B-3	B-3@35-45ft	Geoprobe	35-45	06/17/08	ND
B-99	B-3@35-45ft	Geoprobe	35-45	06/17/08	ND
B-5	B-5@30-40ft	Geoprobe	30-40	06/17/08	ND

Notes:

bgs = below ground surface

µg/l = micrograms per liter

ND = Not detected above the method detection limit

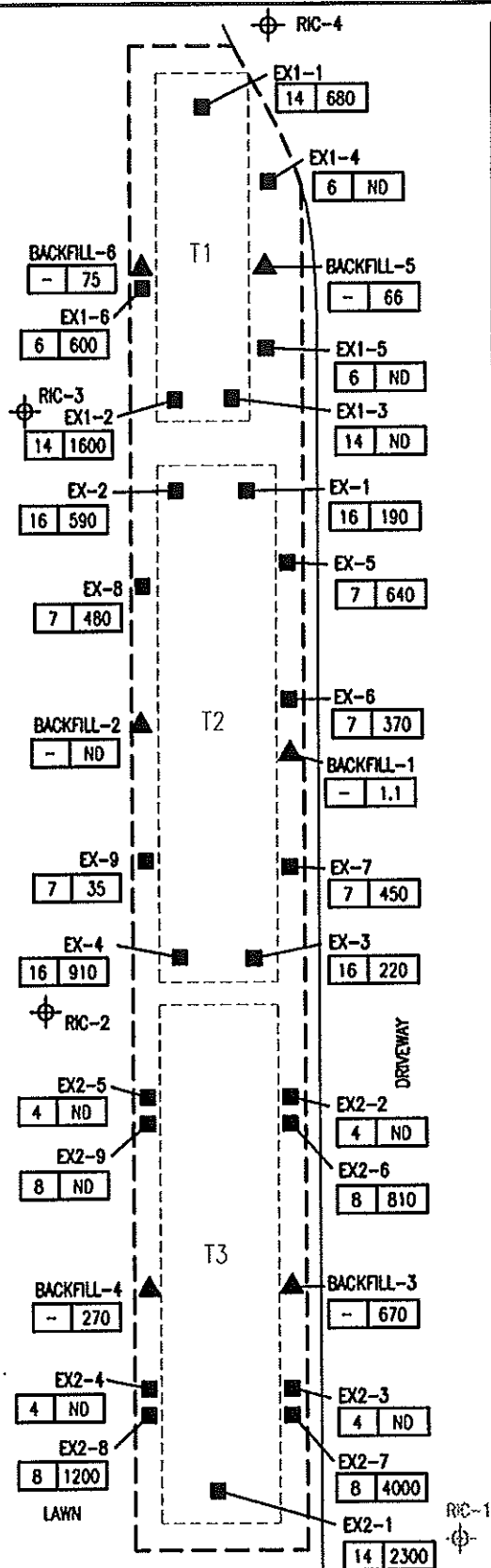
VFHs = Volatile Fuel Hydrocarbons

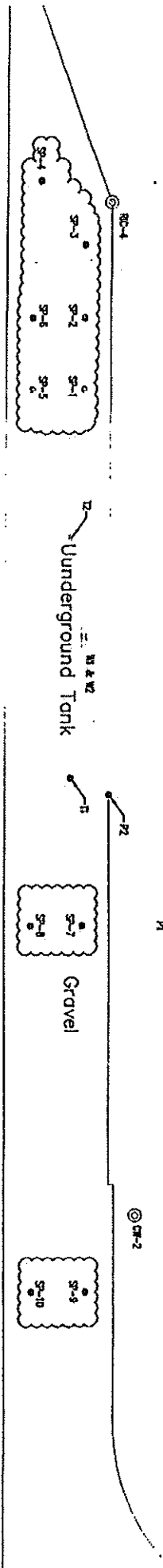
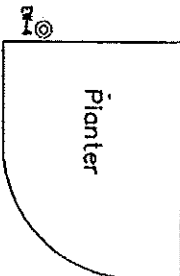
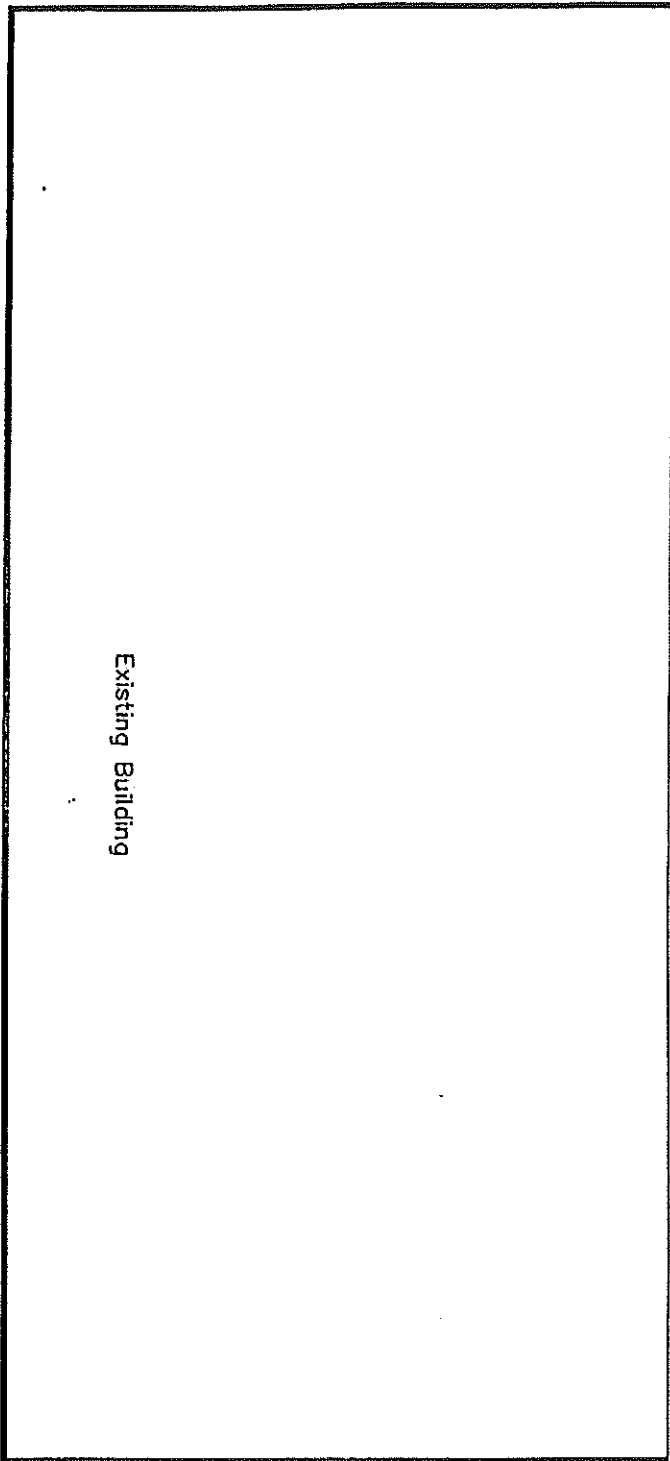
APPENDIX B

Figures from Previous Investigations

- 1) **Figure 3. Offsite Soil and Groundwater Investigation Analytical Data Map (MACTEC, 2008)**
- 2) **Figure 2. Soil Sample Locations and Analytical Results (HLA, 1999,)**
- 3) **Figure 2. Sample Location Map (TEM, 2006)**

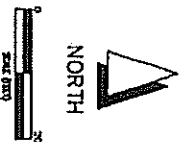
RAILROAD TRACK






Legend:

- Soil Sample Location
- ▲ Water Sample Location
- ⊗ Existing Monitoring Well



30
S&E (1/10)

 <p>ZNT ZENTRA MANAGEMENT GROUP 2501 N. 10TH AVE. SUITE 100 DENVER, CO 80202 (714) 260-8200 (714) 260-8225 FAX</p>	
<p>Rich Electronics 2200 North Ave Denver, CO SAMPLE LOCATION MAP</p>	
PROJECT NO. DP-2720	FIGURE 2

APPENDIX C
Monitoring Well Logs

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BETWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

ELEVATION (ft)	DEPTH (ft)	BLOW COUNT (blows/6")	OVA(ppm)	SAMPLE LOC.
55				
			3.4	
			3.7	
5		6	4,600	
		12		
		18		
50		5	4,400	
		7		
		16		
		5	4,000	
		5		
		9		
		17		
10		8	6,000	
		8		
		11		
45		4	7,700	
		6		
		8		
		6	>9,999	
		8		
		12		
		16		
15		6	1,100	
		7		
		17		
40		5	14.3	
		8		
		10		
		8	5.8	
		10		
		15		
		18		
20		6	13.8	
		8		
		14		
35		6	20.8	
		9		
		16		
		7	6.1	
		12		
		16		
		22		
25				
30				
30				

BORING JD-1

DATE DRILLED: September 29, 2009
 EQUIPMENT USED: Hollow Stem Auger
 HOLE DIAMETER (in.): 8
 ELEVATION: 56.49 (Top of Casing)

GM	FILL - SILTY SAND and GRAVEL - dark brown, dry
SM	SILTY SAND and SANDY SILT - dark brown (10YR 3/3), dry
ML	CLAYEY SILT with SAND - moist, some silty sand and clay
CL-ML	SILTY CLAY - dark grayish brown (10YR 4/2), some mottled gray reddish brown, oxidized, moist, caliche nodule, micaceous
	very dark brownish gray, very moist, some fine grained sand
	Very dark gray (10YR 3/1), moist, micaceous, can be molded
	Dark grayish brown (10YR 4/2), moist, micaceous, some caliche nodules
	Very dark grayish brown (10YR 3/2), moist, caliche nodules, micaceous, can be molded with some effort, mottled with oxidized reddish brown and grayish clay
	Dark yellowish brown (10YR 4/4), moist, caliche nodules, mottled, can be molded (plastic)
	Very moist
Wet	
	Some sand

DRILLING SUMMARY

- End of Boring at 25 feet below ground surface.
- Hand augered upper 5 feet
- Groundwater encountered at about 21.5 feet below the ground surface.
- Drilling Company: BC2.

Well Installation Details

- 0-3': Well Box
- 3-8': Medium Bentonite Chips (hydrated)
- 8-10': #2/12 Sand
- 10-25': 0.01" slot size screen. 2" diameter schedule 40 PVC with #2/12 sand

Field Tech: RM/JN
 Prepared By: LT
 Checked By:

Rico
 Santa Ana, California

MACTEC

LOG OF BORING

Project: 41981

Figure: 1

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BETWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

BORING JD-2				
DATE DRILLED: September 29, 2009 EQUIPMENT USED: Hollow Stem Auger HOLE DIAMETER (in.): 8 ELEVATION: 56.22 (Top of Casing)				
ELEVATION (ft)	DEPTH (ft)	BLOW COUNT (blows/6")	OVA (ppm)	SAMPLE LOC.
55				GM
				FILL - SILTY SAND and GRAVEL - large subrounded boulder (about 10" in dimension)
				Base Course Material, difficult drilling with hand auger equipment
			9.7	SM
				SILTY SAND with GRAVEL - dark yellowish brown (10YR 4/4)
5	4	7.9		ML
	5			SILT - dark yellowish brown (10YR 3/4), mottled with dark organic material, oxidized, slightly moist
50	10	16.5		ML
	4			CLAYEY SILT - dark yellowish brown (10YR 4/4), moist, can be molded, mottled
	8			
	10	451		ML-CL
	5			Dark brown (10YR 3/3), very moist, mottled with grayish clay, caliche nodule
	8			
	8			
	10			
10	19	1,486-3,000		Dark grayish brown (10YR 4/2), moist, micaceous, some caliche nodules
	5			
45	6	1,700		
	8			Very dark gray (10YR 3/1), very moist, caliche nodules, micaceous, can be molded with some effort, mottled
	4			Dark grayish brown (10YR 4/2), moist, caliche nodules, mottled with grayish clay, some oxidation can be molded
	7			
	15	2,400		
	8			
	12			
	18			
15	24	3,500		Some oxidation, very dark grayish brown (10YR 3/2)
	5			
40	8			
	13	1,800-2,300		Dark brown (10YR 3/3), some oxidation, can be molded easily, oxidized zones, mottled, caliche nodules, some Silty Sand with rock fragments, brown
	8			Very moist
	11	15		
	12			
	6			
	9			
	11			
20	13	18		Dark yellowish brown (10YR 3/4), very moist, molded easily, some caliche nodules, some trace sand
	6			
35	8			
	12	12.5		Dark yellowish brown (10YR 4/4), some trace sand, very moist to wet
	5			
	7			
	11	23.5		Dark yellowish brown (10YR 3/4), moist, some sandy layers (Sandy Silt), oxidation of silt
	9			
	14			
	17			
25	23			
30				
30				

DRILLING SUMMARY

- End of Boring at 25 feet below ground surface.
- Groundwater encountered at about 23 feet below the ground surface.
- Drilling Company: BC2.

Well Installation Details

- 0-3': Well Box
- 3-8': Medium Bentonite Chips (hydrated)
- 8-10': #2/12 Sand
- 10-25': 0.01" slot size screen. 2" diameter schedule 40 PVC with #2/12 sand

Field Tech: RM/JN
 Prepared By: LT
 Checked By:

Ricoch
 Santa Ana, California

MACTEC

LOG OF BORING
 Project: 41981 Figure: 2

APPENDIX D
Field Data Sheets



Groundwater Sampling Log

Date: 11/9/05		Monitoring Well #: JD-1	
Casing Size: 2		Well location on site:	
PROJECT NAME:	Ricoh Santa Ana	Project Number & Task:	41981 - 10.3
SAMPLE LOCATION:		Sample Crew:	

Casing Size (inches)	1"	1.5"	2"	3"	4"	6"	7"	8"
Unit Casing Size (gal/ft)	0.04	0.09	0.16	0.37	0.65	1.5	2	2.6

WATER ELEVATION DATA

- | | |
|----------------------------|--------------------------|
| 1) Depth to Well Bottom: | <u>25.0</u> ft. |
| 2) Depth to Water Surface: | <u>13.15</u> ft. (#1-#2) |
| 3) Height of Water Column | <u>11.85</u> ft. |
| 4) Unit Casing Size | <u>.16</u> ft. |
| 5) Water Volume in Well | <u>1.89</u> ft. (#4-#2) |
| 6) Water Volume Multiplier | X 3 |

Minimum Purge Volume 4 gal.

WEATHER

Temperature °F : 75°

General Condition: Good

Well Reference Point: Top of well casing

Well Sounding Method: Interphase probe

PRODUCT OBSERVATION

Product Observed: WE

Product Thickness (in):

WELL PURGE DATA

Date: 11/09/09			Well Box Condition: NEW					
Purge Method: DC Pump Teflon Tubing <input checked="" type="checkbox"/> Baller O							Total Volume Purged (gallons):	
Volume (gal)	Time	Temp (°C)	Turbidity (ntu)	DO	pH	Conductivity	Water Description Odor, Color, Other	Well Purged Dry
2	11:30	22.80	7999	10.92	6.86	3.23	No Silt + Brown.	
2	11:33	22.9	7999	10.64	6.79	3.20	No " "	
4	11:36	22.8	7999	10.55	6.78	3.21	No " "	
6	11:39	22.8	7999	10.27	6.75	3.22	No " "	

WATER SAMPLE DATA

Date	Time	Sampler	Sample ID	Sampling Method	Physical Appearance Odor, Color, Other	Container Type	Preservative
11/09/09	13:10	EWA	JD-1-1109	Disposable Baller	No CLER	6/VOA 2/Ambe	HCL
Sample Type:		Original <input checked="" type="checkbox"/>	Duplicate <input type="checkbox"/>	Field Blank <input type="checkbox"/>	Equipment Blank <input type="checkbox"/>	Other <input type="checkbox"/>	
Containers Used:							
Analytical Test:							
Comments:							



Date: 11/09/09		Monitoring Well #:		JD-2
Casing Size: 2"		Well location on site:		
PROJECT NAME:	Ricoh Santa Ana	Project Number & Task:	41981 - 10.3	
SAMPLE LOCATION:		Sample Crew:	EWA	

WATER ELEVATION DATA

- ## WEATHER

Temperature °F :

General Condition:

Well Reference Point:

Well Sounding Method:

PRODUCT OBSERVATION

Product Observed:

Product Thickness (in):

Minimum Purge Volume 6 gal.

WELL PURGE DATA

Date: 11/09/09

Well Box Condition: GOOD NEW

Purge Method: ☒ DC Pump Teflon Tubing ☒ Bailer ☐ O

Total Volume Purged (gallons):

Volume (gal)	Time	Temp (°C)	Turbidity (ntu)	DO	pH	Conductivity	Water Description Odor, Color, Other	Well Purged Dry
2	11:13	24	7999	11.05	7.02	3.08	No, Silty, Tan	
2	11:18	23.4	7999	11.16	6.87	2.91	" " "	
4	11:22	22.8	890	11.28	6.90	3.07	" " "	
6	1:27	22.8	7999	10.94	6.84	3.13	No Very Silty RED/	
7	Den @ 7 Browns						Brown	Day

WATER SAMPLE DATA

[illegible]

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Groundwater Sampling Log

Date: 11/9/09	Monitoring Well #: EW-1		
Casing Size: 6" W/ pump	Well location on site:		
PROJECT NAME: Ricoh Santa Ana	Project Number & Task: 41981 - 10.3		
SAMPLE LOCATION:	Sample Crew:		

Casing Size (inches)	1"	1.5"	2"	3"	4"	6"	7"	8"
Unit Casing Size (gal/ft)	0.04	0.09	0.16	0.37	0.65	1.5	2	2.6

WATER ELEVATION DATA

- 1) Depth to Well Bottom: 17.77 ft.
- 2) Depth to Water Surface: 12.82 ft. (#1-#2)
- 3) Height of Water Column: 4.95 ft.
- 4) Unit Casing Size: 1.5 ft.
- 5) Water Volume in Well: 7.4 ft. (#4-#2)
- 6) Water Volume Multiplier: X3

Minimum Purge Volume 21 gal.

WEATHER

Temperature °F: 72°

General Condition: Sunny

Well Reference Point: Top of well casing

Well Sounding Method: Interphase probe

PRODUCT OBSERVATION

Product Observed: NO

Product Thickness (in):

WELL PURGE DATA

Pump in well

Date: 9/11/09			Well Box Condition: BAD CONCRETE BOX/LID					
Purge Method: DC Pump Teflon Tubing <input checked="" type="checkbox"/> Bailer O							Total Volume Purged (gallons):	
Volume (gal)	Time	Temp (°C)	Turbidity (ntu)	DO	pH	Conductivity	Water Description Odor, Color, Other	Well Purged Dry
2	10:20	23.1	28	8.05	6.44	2.58	Strong / CLEAR	
7	10:30	22.6	21	8.39	6.74	2.84	Strong CLEAR	
14	10:35	22.5	11	8.44	6.75	2.86	YES / " CLEAR	
20	10:40	22.8	6	8.43	6.81	2.87	YES " CLEAR	

WATER SAMPLE DATA

Date	Time	Sampler	Sample ID	Sampling Method	Physical Appearance Odor, Color, Other	Container Type	Preservative
11/9	10:50	EWA	EW-1-1109	Disposable Baller	Strong YES CLEAR	1006	HCL
Sample Type:		Original X	Duplicate O	Field Blank O	Equipment Blank O	Other O	
Containers Used:							
Analytical Test:							
Comments:		LABORATE w/ 4 pH. Reading 3.95					



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Groundwater Sampling Log

1/2

Date: 10/5/09	Monitoring Well #: JD-1
Casing Size: 2"	Well location on site:
PROJECT NAME: Ricoh Santa Ana	Project Number & Task: 41981
SAMPLE LOCATION:	Sample Crew: R. Mills, Jason, Brian

Casing Size (inches)	1"	1.5"	2"	3"	4"	6"	7"	8"
Unit Casing Size (gal/ft)	0.04	0.09	0.16	0.37	0.65	1.5	2	2.6

WATER ELEVATION DATA

- 1) Depth to Well Bottom: 24.8 ft.
2) Depth to Water Surface: 12.95 ft. (#1-#2)
3) Height of Water Column: 11.86 ft.
4) Unit Casing Size: 0.16 ft.
5) Water Volume in Well: 1.89 ft. (#4-#2)
6) Water Volume Multiplier: X 25

Minimum Purge Volume 9.5 gal.

WEATHER

Temperature °F: sunny 63° morning to
General Condition:
Well Reference Point: Top of well casing
Well Sounding Method: Interphase probe

PRODUCT OBSERVATION

Product Observed:
Product Thickness (in):

WELL PURGE DATA

Date: 10/5/09	Well Box Condition: New							
Purge Method: 2" Grundfos Pump Teflon Tubing O Bailer O	Total Volume Purged (gallons):							
Volume (gal)	Time	Temp (°C)	Turbidity (ntu)	DO	pH	Conductivity	Water Description Odor, Color, Other	Well Purged Dry
0.2			extremely silty				thick H ₂ O	
12	8:34	20.6	126	0.42	6.85	6.89	very silty thick brn.	
4	8:05	21.7	93	0.42	7.12	3.70	very silty; brown - No odor	
6	8:22	19.9	96	0.46	7.26	3.64	very silty; brown - no odor	
8	8:27	20.9	506	0.43	7.05	3.78	very silty; brown no odor	
10	8:31	20.9	133	0.41	6.92	3.88	" " "	

WATER SAMPLE DATA

Date	Time	Sampler	Sample ID	Sampling Method	Physical Appearance Odor, Color, Other	Container Type	Preservative
				Disposable Bailer			
Sample Type:	Original X	Duplicate O	Field Blank O	Equipment Blank O	Other O		
Containers Used:							
Analytical Test:							
Comments:							
Well surged after 5 gal. to clean out filter pack. @ ≈ 8.12							
Readings were taken from bailing method							



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Groundwater Sampling Log

2/2

Date:	10/5/09	Monitoring Well #:	JD-1
Casing Size:	2"	Well Location on site:	
PROJECT NAME:	Rico Santa Ana	Project Number & Task:	41981
SAMPLE LOCATION:		Sample Crew:	R. Mills, Jason, Brian

Casing Size (inches)	1"	1.5"	2"	3"	4"	6"	7"	8"
Unit Casing Size (gal/ft)	0.04	0.09	0.16	0.37	0.65	1.5	2	2.6

WATER ELEVATION DATA

- 1) Depth to Well Bottom: 24.81 ft.
2) Depth to Water Surface: 12.95 ft.
3) Height of Water Column: 11.86 ft. (#1-#2)
4) Unit Casing Size: 0.16 ft.
5) Water Volume in Well: 0.03 ft. (#4-#2)
6) Water Volume Multiplier: X 5

WEATHER

Temperature °F: 60.1 + sunny
General Condition: _____
Well Reference Point: Top of well casing
Well Sounding Method: Interphase probe

PRODUCT OBSERVATION

Product Observed: No
Product Thickness (in): _____

Minimum Purge Volume 0.03 gal.

WELL PURGE DATA

Date: 10/5/09		Well Box Condition: New						
Purge Method: 2" Grundfos Pump Teflon Tubing X Bailer O						Total Volume Purged (gallons):		
Volume (gal)	Time	Temp (°C)	Turbidity (ntu)	DO	pH	Conductivity	Water Description Odor, Color, Other	Well Purged Dry
5	9:09	22.8	999	2.18	6.89	3.38	light brn, still a bit silty	
10	9:19	23.4	999	1.81	6.87	3.32	"	
15	9:29	24.5	999	2.20	6.87	3.28	mucky clearing up	No odor
20	9:49	24.8	785	2.71	6.90	3.28	" " No odor	
25	10:03	24.9	999	2.90	6.86	3.26	" " "	

WATER SAMPLE DATA

Date	Time	Sampler	Sample ID	Sampling Method	Physical Appearance Odor, Color, Other	Container Type	Preservative
				Disposable Bailer			
Sample Type:	Original X	Duplicate O	Field Blank O	Equipment Blank O	Other O		
Containers Used:							
Analytical Test:							
Comments:	Readings taken from pumping H ₂ O pumped 20 gal to remove silt. waited until H ₂ O was pumped down to 2'. 1/2 gal/min pump rate. (20 gal total) before pumping. Take readings every 10 min. Total purged ≈ 40 gal → 42 gal						

Date:	10/5/09	Monitoring Well #:	50-2
Casing Size:	2"	Well location on site:	
PROJECT NAME:	Rioh Santa Ana	Project Number & Task:	41981
SAMPLE LOCATION:		Sample Crew:	R Mills, Jason, Brian

Casing Size (inches)	1"	1.5"	2"	3"	4"	6"	7"	8"
Unit Casing Size (gal/ft)	0.04	0.09	0.16	0.37	0.65	1.5	2	2.6

WATER ELEVATION DATA

- | | |
|----------------------------|--------------------------|
| 1) Depth to Well Bottom: | <u>24.62</u> ft. |
| 2) Depth to Water Surface: | <u>12.85</u> ft. (#1-#2) |
| 3) Height of Water Column | <u>11.77</u> ft. |
| 4) Unit Casing Size | <u>0.16</u> ft. |
| 5) Water Volume in Well | <u>1.88</u> ft. (#4-#2) |
| 6) Water Volume Multiplier | <u>x 35</u> |

Minimum Purge Volume

WEATHER

Temperature °F: Sunny warm 70s

General Condition:

Well Reference Point: **Top of well casing**

Well Sounding Method: Interphase probe

PRODUCT OBSERVATION

Product Observed:

Product Thickness (in):

WELL PURGE DATA

Date: 10/5/09		Well Box Condition: New						
Purge Method: 2" Grundfos Pump Teflon Tubing O		Bailer O		Total Volume Purged (gallons):				
Volume (gal)	Time	Temp (°C)	Turbidity (ntu)	DO	pH	Conductivity	Water Description Odor, Color, Other	Well Purged Dry
0/2		very	silty + thick		H ₂ O		brn. No odor	
4	10:32	22.2	234	1.81	7.20	4.06	brn; very silty; No odor	
6	10:35	21.6	253	1.78	7.08	4.04	" " "	
8	10:41	23.9	991	1.17	7.58	0.95		
10	10:51	24.3	844	2.38	7.03	3.83	flow rate stopped re-adjusted	
12	11:12	25.2	787	4.32	7.22	3.52	" "	Dry

WATER SAMPLE DATA

Date	Time	Sampler	Sample ID	Sampling Method	Physical Appearance Odor, Color, Other	Container Type	Preservative
				Disposable Bailor			
Sample Type:		Original <input checked="" type="checkbox"/>	Duplicate <input type="checkbox"/>	Field Blank <input type="checkbox"/>	Equipment Blank <input type="checkbox"/>	Other <input type="checkbox"/>	
Containers Used:							
Analytical Test:							
Comments:		Well surged 1st; before bailing. These readings are from initial bailing up to 8gal (a) 8gal from pumping. Rate $\approx 1/4$ gal/min. Varies throughout pumping.					



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Groundwater Sampling Log

2/2

Date: 10/5/09	Monitoring Well #: JW-2
Casing Size: 2"	Well location on site:
PROJECT NAME: Ricon Santa Ana	Project Number & Task: 41981
SAMPLE LOCATION:	Sample Crew: RMWIS; Jason, Brian

Casing Size (inches)	1"	1.5"	2"	3"	4"	6"	7"	8"
Unit Casing Size (gal/ft)	0.04	0.09	0.16	0.37	0.65	1.5	2	2.6

WATER ELEVATION DATA

- 1) Depth to Well Bottom: 24.62 ft.
2) Depth to Water Surface: 12.85 ft. (#1-#2)
3) Height of Water Column: 11.77 ft.
4) Unit Casing Size: 0.16 ft.
5) Water Volume in Well: 1.88 ft. (#4-#2)
6) Water Volume Multiplier: X 25

Minimum Purge Volume

942 gal.

WEATHER

Temperature °F: Sunny 76°
General Condition:
Well Reference Point: Top of well casing
Well Sounding Method: Interphase probe

PRODUCT OBSERVATION

Product Observed:
Product Thickness (in):

WELL PURGE DATA

Date: 10/5/09			Well Box Condition: New					
Purge Method: 2" Grundfos Pump Teflon Tubing O Bailer O							Total Volume Purged (gallons):	
Volume (gal)	Time	Temp (°C)	Turbidity (ntu)	DO	pH	Conductivity	Water Description Odor, Color, Other	Well Purged Dry
15	1203	26.6	999	5.05	7.16	3.44	bwn silty No odor	
20	1224	21.3	986	5.19	7.35	1.92	" "	
25	1230	25.5	977	3.93	6.84	3.25	" "	
30	1310	25.8	999	2.67	7.30	3.16	" "	purged - Dry @ 27 gal
250								Dry

WATER SAMPLE DATA

Date	Time	Sampler	Sample ID	Sampling Method	Physical Appearance Odor, Color, Other	Container Type	Preservative
				Disposable Bailer			
Sample Type:		Original X	Duplicate O	Field Blank O	Equipment Blank O	Other O	
Containers Used:							
Analytical Test:							
Comments:		Purged dry after 12 gal. Recharge ≈ 15-20 min Purged dry after 27 gal. Purged dry after 30 gal.					



MACTEC Engineering and Consulting, Inc.
2171 Campus Drive, Suite 100
Irvine, CA 92612-1422

JOB NO. _____ SHEET _____ OF _____
PHASE _____ TASK _____
JOB NAME _____
BY _____ DATE _____
CHECKED BY _____ DATE _____

Ed Arvitz - 0900am 11/9/09

	TD	DTW	
EW-4	13.5	13.5	- No WATER in well.
CW-2	20.17	13.60	
CW-1	20.35	13.48	
RIC-4	18.02	13.02	

* Temp Network
888 315 well 9325

FIELD ACTIVITY DAILY LOG

Pedro

DATE: Tues 9/29/09 PROJECT/TASK NUMBER: 4951- 41981 Tsk 12.2

PROJECT NAME: Rioh SA. Drill 2 more wells on adj. prop.

LOCATION: Santa Ana, Ca

FIELD ACTIVITY: Drilling + Installing wells JD-1 AND JD-2

FIELD INSTRUMENT CALIBRATION DETAILS (Note: instruments to be calibrated in field daily at start/end of shift):

Instrument/Serial #: PID Cal. Gas/Concent. Hexane 50ppm Time/Result: 50.2ppm

Instrument/Serial #: _____ Cal. Gas/Concent. _____ Time/Result: _____

TIME:

DESCRIPTION OF ACTIVITIES:

630 Arrive @ office to pick up van + equipment

700 Arrive @ job site. Drillers BCZ there. Helpers arrive. Have HAS. Meeting + discuss scope. Set up @ JD-2 Begins.

~800 Start Hand Augering JD-2 to 5'

8-920 Drilled to 25' continuous sampling + logging.

930-1030 Installing JD-2 w/ screened interval from 10'-25' according to pre-approved plans.

1030- ~~Drillers Break~~

1045 Clean up @ JD-2 + set up @ JD-1, Hand Auger to 5'.

11-1130 Drillers Break

1130-1230 start drilling @ 5' (JD-1) + sampling. Continuous coring + sampling to 25'.

~1120 SARWQCB showed up for inspection (short visit)

~1230-1400 Installing JD-1 w/ screened interval from 10'-25' according to pre-approved plans.

A total of 4 soil drums accumulated, 2 from each well. Labeled DS-1 through DS-4. Water Drum.

1400-1600 Building well boxes / Installing. Making concrete. Clean up + Move drums to designated location. Pedro stopped by @ ~1530 to see how things went.

Drum count = 4 soil / 1 Water.

Personnel On Site: me, Jay, Conrad, Sam, Tony

Weather Conditions: Sunny + Hot

Telephone Calls: Jay

Visitor(s) On Site: Jeff Simko, Pedro, Water Board (SARWQCB) Carl Bernhardt

Signature: @ Miller

REVIEWED BY/DATE:

FIELD ACTIVITY DAILY LOG

DATE: Mon 10/5/09 PROJECT/TASK NUMBER: 41981

PROJECT NAME: _____

LOCATION: Adjacent to Ricoh Santa Ana, Ca

FIELD ACTIVITY: Developing 2 wells

FIELD INSTRUMENT CALIBRATION DETAILS (Note: Instruments to be calibrated in field daily at start/end of shift):

Instrument/Serial #: _____ Cal. Gas/Concent. _____ Time/Result: _____

Instrument/Serial #: _____ Cal. Gas/Concent. _____ Time/Result: _____

TIME:

DESCRIPTION OF ACTIVITIES:

700 Arrive @ office to pick up equipment

720 Arrive @ job site

740 BC2 Arrives

745-800 Had tailgate H&S meeting and
setting up @ 1st well JD-1

~800-10:15 Purging JD-1. 1st 5 casing vol. very silty,
purged 12 gal & took readings. Purged 10 more
gal to remove silt + get flow rate which was
1/2 gal/min. Total purge vol for JD-1 is 42 gal.

1015-1030 cleaning up @ JD-1; taking pump out
decon.

1030-1330 Purging JD-2. Purged 8 gal. by
balling method, set up pump. Well purged
dry after 12 gal; recharge ~20 min + purged
dry after 27 gal @ which H₂O is still silty
+ brown. Purged dry after 30 gal. Total purge
vol for JD-2 is 30 gal

1330-1400 Drove 2 drums around to fenced area
moved other soil drums to fit these in.

1415 Signed dailies + left site.

1430 Arrived @ office to unload + turn in paper-
work.

Personnel On Site: Rachel Mills; ~~Conrad~~ Jason; Brian

Weather Conditions: Sunny + warm

Telephone Calls: Jim

Visitor(s) On Site: Jeff Simko to open gate

Signature: RM 10/5/09

REVIEWED BY/DATE: _____

FIELD ACTIVITY DAILY LOG

DATE: 10/5/09 PROJECT/TASK NUMBER: 41981

PROJECT NAME: Ricoch Santa Ana

LOCATION: Santa Ana @ Adj. Prop Brasstech

FIELD ACTIVITY: Developing 2 2" Wells

FIELD INSTRUMENT CALIBRATION DETAILS (Note: Instruments to be calibrated in field daily at start/end of shift):

Instrument/Serial #: _____ Cal. Gas/Concent. _____ Time/Result: _____

Instrument/Serial #: _____ Cal. Gas/Concent. _____ Time/Result: _____

TIME:

DESCRIPTION OF ACTIVITIES:

Tailgate Health + Safety Meeting

conducted by: Rachel Mills

Topics: PPE, Awareness of surroundings and
how pump + rig are set up.

Rachel Mills

Rachel Mills 10/5/09

X Jason Phillips

J- RIN BCD 10/5/09

X Bryan Sparrow

Bryan Sparrow 10/5/09

Personnel On Site: _____

Weather Conditions: _____

Telephone Calls: _____

Visitor(s) On Site: _____

Signature: _____

REVIEWED BY/DATE: _____



2907 W. Empire Ave., Burbank, CA 91504
Phone: 818-565-3590 Fax: 818-565-3595

PROJECT SUMMARY

Project Number 0909281R Project Manager Ralph Weed (R.J.)
Project Date Sep 28, 2009 Other Staff _____
Meet/Start Time 0700

SITE INFORMATION

Ricoh Electronics

2300 Red Hill

Santa Ana, CA

CLIENT INFORMATION

MACTEC, Inc.-Attn: Accounts Payable Dept.

1105 Lakewood Parkway, Suite 300

Alpharetta, GA 30009

ORCO 859 J-1

Thomas Gulde Coordinates

No

Located in LA ?

Rachel Mills

Corporate Contact

949-224-0050

Clients office phone #

CLIENT CONTACT INFO, MEET LOCATION/SPECIAL INSTRUCTIONS, ETC.

Jay

On-site Contact

949.212.3664

Contact's Cell #

SCOPE OF WORK

Spectrum investigated 3 proposed ground intrusion sites for detectable subsurface interferences.

Map required? No

Update clients CAD map? No

Report required? No

Work Performed

- ☒ Investigated 2 proposed ground intrusion site(s) for detectable subsurface interferences.
☐ Investigated _____ linear feet of proposed trench for detectable subsurface interferences.
☐ Delineated the surface trace of detectable utilities and subsurface interferences in _____ area(s) approx. _____ feet in size.

Spectrum Vehicle
Name/I.D.

Other

PVC, TRANSITE, VCP PIPING NOT DETECTABLE
FIBER OPTICS NOT DETECTABLE

Day 1 of 1 Labor hours: 1 Additional notes: _____

EQUIPMENT EMPLOYED: (CIRCLE ALL THAT APPLY)

RD-4000

DYNATEL

M-SCOPE

GPR

EM-61

EM-31 MAG SCHONSTEDT CONQUEST RD-500

OTHER: _____

Client/Rep Signature: Jay

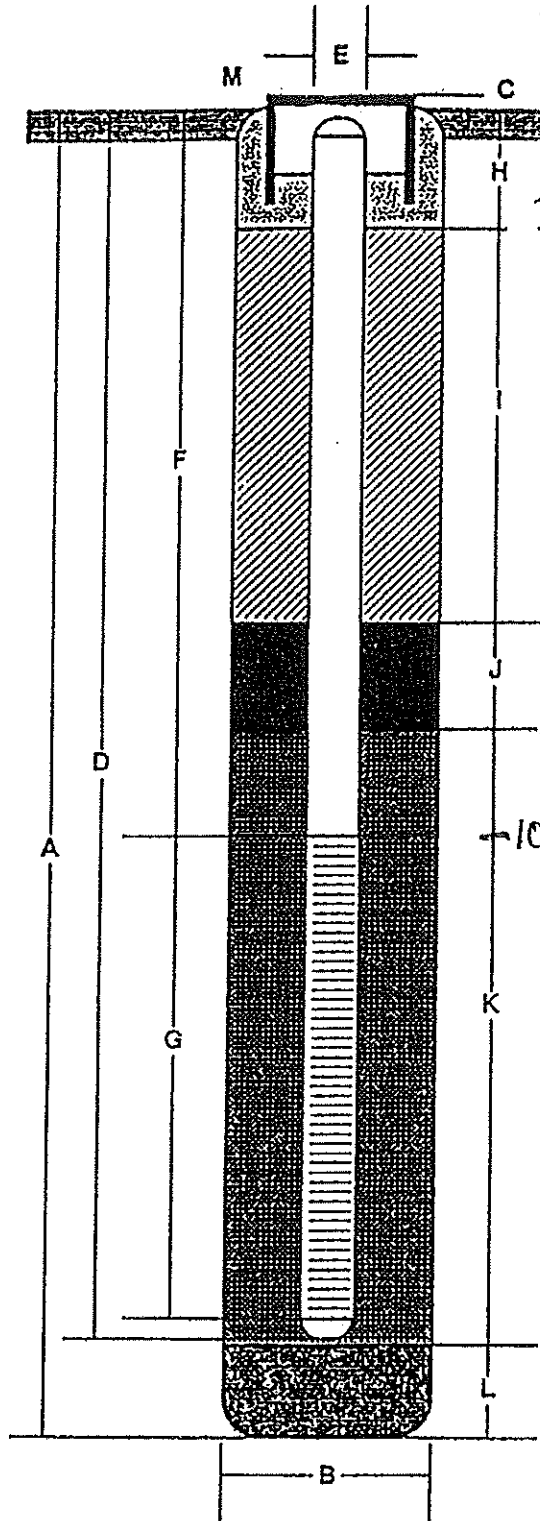
Clients Project No.: 41931

Clients PO, WO or TO # See Jay for PO

Report: (circle) Yes / No Diagram: (circle) Yes / No

- * Non-metallic and non-electrically conductive piping and materials are not detectable.
- * We recommend that you call the ONE CALL CENTER prior to excavating or installing borings.
- * We recommend that you hand auger to a depth of _____ feet below ground.
- * Your potential boring locations were investigated for detectable subsurface interferences and their locations have been marked on the ground surface of a 12-inch diameter white circle or a stake or a nail or flagging.
- * No consideration of liability will be given if borings are installed outside of the white circle or not centered on the flag, stake or nail. Call for a revisit if additional boring locations are required.

WELL CONSTRUCTION DETAIL



- A Total Depth of Boring 25 ft.
- B Diameter of Boring 8.5 in.
Drilling Method Hollow Stem Auger
- C Top of Box Elevation 56.49 & 56.22 ft.
☐ Referenced to Mean Sea Level
☒ Referenced to Project Datum (Ground Surf.)
- D Casing Length 10 ft.
Material Sch. 40 PVC; 2 in. dia.
- E Casing Diameter 2-inch in.
- F Depth to Top Perforations 10 ft.
- G Perforated Length 15 ft.
Perforated Interval from 10 to 25 ft.
Perforation Type PVC Slotted
Perforation Size 0.010 inch
- H Surface Seal 0-3.0 ft.
Seal Material portland cement concrete
- I Backfill 3-5 ft.
Backfill Material hydr bentonite chips
- J Seal 8-5 ft.
Seal Material hydrated bentonite chips
- K Gravel Pack 8-25 ft.
Pack Material #2/12 Sand
- L Bottom Seal None ft.
Seal Material
- M Flush Mounted
weir-for-rated box

25' bgs

bgs = below ground surface

Well Construction Detail



MACTEC

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JOB NUMBER

41981

REVIEWED BY RG/CEG

Jay Neuhaus

DATE

9-22-09

REVISED DATE

REVISED DATE

WELL NO. 5

JD-1 & JD-2
for Ricoh Electronics

APPENDIX E
Analytical Laboratory Reports

LABORATORY REPORT

Prepared For: MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project: Ricoh - Santa Ana
41981-10.1

Sampled: 10/08/09
Received: 10/08/09
Issued: 11/05/09 13:12

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

ADDITIONAL INFORMATION:

This is a Revised report to include the full list of VOCs per the client's request.

LABORATORY ID

ISJ0774-01
ISJ0774-02
ISJ0774-03
ISJ0774-04
ISJ0774-05

CLIENT ID

JD-1
JD-2
EW-1
QCEB-1
TB

MATRIX

Water
Water
Water
Water
Water

Reviewed By:



TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-01 (JD-1 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B MOD	9J13015	50	30	190	1	10/13/2009	10/13/2009	
C4-C5	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C6	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C7	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C8	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C9	EPA 8015B MOD	9J13015	22	22	87	1	10/13/2009	10/13/2009	
C10	EPA 8015B MOD	9J13015	22	22	84	1	10/13/2009	10/13/2009	
C11	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C12	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
Surrogate: 4-BFB (FID) (65-140%)					170 %				ZX
Sample ID: ISJ0774-02 (JD-2 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B MOD	9J13015	50	30	52	1	10/13/2009	10/13/2009	
C4-C5	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C6	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C7	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C8	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C9	EPA 8015B MOD	9J13015	22	22	25	1	10/13/2009	10/13/2009	
C10	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C11	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C12	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
Surrogate: 4-BFB (FID) (65-140%)					113 %				
Sample ID: ISJ0774-03 (EW-1 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B MOD	9J13015	50	30	ND	1	10/13/2009	10/13/2009	
C4-C5	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C6	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C7	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C8	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C9	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C10	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C11	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C12	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
Surrogate: 4-BFB (FID) (65-140%)					69 %				

TestAmerica Irvine

Joseph Doak
Project Manager

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ISJ0774 <Page 2 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-04 (QCEB-1 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B MOD	9J13015	50	30	ND	1	10/13/2009	10/13/2009	
C4-C5	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C6	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C7	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C8	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C9	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C10	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C11	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C12	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
Surrogate: 4-BFB (FID) (65-140%)					90 %				
Sample ID: ISJ0774-05 (TB - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B MOD	9J13015	50	30	ND	1	10/13/2009	10/13/2009	
C4-C5	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C6	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C7	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C8	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C9	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C10	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C11	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
C12	EPA 8015B MOD	9J13015	22	22	ND	1	10/13/2009	10/13/2009	
Surrogate: 4-BFB (FID) (65-140%)					89 %				

TestAmerica Irvine

Joseph Doak
Project Manager

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ISJ0774 <Page 3 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

EXTRACTABLE FUEL HYDROCARBONS (EPA 3510C/EPA 8015B)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-01 (JD-1 - Water)									RL4
Reporting Units: mg/l									
EFH (C13 - C22)	EPA 8015B	9J13073	0.54	0.11	ND	1.08	10/13/2009	10/13/2009	
EFH (C23 - C32)	EPA 8015B	9J13073	0.54	0.11	ND	1.08	10/13/2009	10/13/2009	
EFH (C33 - C40)	EPA 8015B	9J13073	0.54	0.11	ND	1.08	10/13/2009	10/13/2009	
EFH (C10 - C28)	EPA 8015B	9J13073	0.54	0.11	0.16	1.08	10/13/2009	10/13/2009	J
Surrogate: n-Octacosane (45-120%)					69 %				
Sample ID: ISJ0774-02 (JD-2 - Water)									RL4
Reporting Units: mg/l									
EFH (C13 - C22)	EPA 8015B	9J13073	0.56	0.11	ND	1.11	10/13/2009	10/13/2009	
EFH (C23 - C32)	EPA 8015B	9J13073	0.56	0.11	ND	1.11	10/13/2009	10/13/2009	
EFH (C33 - C40)	EPA 8015B	9J13073	0.56	0.11	ND	1.11	10/13/2009	10/13/2009	
EFH (C10 - C28)	EPA 8015B	9J13073	0.56	0.11	ND	1.11	10/13/2009	10/13/2009	
Surrogate: n-Octacosane (45-120%)					78 %				
Sample ID: ISJ0774-03 (EW-1 - Water)									
Reporting Units: mg/l									
EFH (C13 - C22)	EPA 8015B	9J13073	0.55	0.11	0.64	1.1	10/13/2009	10/13/2009	
EFH (C23 - C32)	EPA 8015B	9J13073	0.55	0.11	ND	1.1	10/13/2009	10/13/2009	
EFH (C33 - C40)	EPA 8015B	9J13073	0.55	0.11	ND	1.1	10/13/2009	10/13/2009	
EFH (C10 - C28)	EPA 8015B	9J13073	0.55	0.11	0.66	1.1	10/13/2009	10/13/2009	
Surrogate: n-Octacosane (45-120%)					76 %				

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ISJ0774 <Page 4 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-01 (JD-1 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
Bromobenzene	EPA 8260B	9J12032	5.0	0.27	ND	1	10/12/2009	10/13/2009	
Bromochloromethane	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
Bromodichloromethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Bromoform	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
Bromomethane	EPA 8260B	9J12032	5.0	0.42	ND	1	10/12/2009	10/13/2009	
n-Butylbenzene	EPA 8260B	9J12032	5.0	0.37	ND	1	10/12/2009	10/13/2009	
sec-Butylbenzene	EPA 8260B	9J12032	5.0	0.25	ND	1	10/12/2009	10/13/2009	
tert-Butylbenzene	EPA 8260B	9J12032	5.0	0.22	ND	1	10/12/2009	10/13/2009	
Carbon tetrachloride	EPA 8260B	9J12032	5.0	0.28	ND	1	10/12/2009	10/13/2009	
Chlorobenzene	EPA 8260B	9J12032	2.0	0.36	ND	1	10/12/2009	10/13/2009	
Chloroethane	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
Chloroform	EPA 8260B	9J12032	2.0	0.33	ND	1	10/12/2009	10/13/2009	
Chloromethane	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
2-Chlorotoluene	EPA 8260B	9J12032	5.0	0.28	ND	1	10/12/2009	10/13/2009	
4-Chlorotoluene	EPA 8260B	9J12032	5.0	0.29	ND	1	10/12/2009	10/13/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9J12032	5.0	0.97	ND	1	10/12/2009	10/13/2009	
Dibromochloromethane	EPA 8260B	9J12032	2.0	0.40	ND	1	10/12/2009	10/13/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9J12032	2.0	0.40	ND	1	10/12/2009	10/13/2009	
Dibromomethane	EPA 8260B	9J12032	2.0	0.36	ND	1	10/12/2009	10/13/2009	
1,2-Dichlorobenzene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
1,3-Dichlorobenzene	EPA 8260B	9J12032	2.0	0.35	ND	1	10/12/2009	10/13/2009	
1,4-Dichlorobenzene	EPA 8260B	9J12032	2.0	0.37	ND	1	10/12/2009	10/13/2009	
Dichlorodifluoromethane	EPA 8260B	9J12032	5.0	0.26	ND	1	10/12/2009	10/13/2009	
1,1-Dichloroethane	EPA 8260B	9J12032	2.0	0.40	ND	1	10/12/2009	10/13/2009	
1,2-Dichloroethane	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
1,1-Dichloroethene	EPA 8260B	9J12032	5.0	0.42	ND	1	10/12/2009	10/13/2009	
cis-1,2-Dichloroethene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
trans-1,2-Dichloroethene	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
1,2-Dichloropropane	EPA 8260B	9J12032	2.0	0.35	ND	1	10/12/2009	10/13/2009	
1,3-Dichloropropane	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
2,2-Dichloropropane	EPA 8260B	9J12032	2.0	0.34	ND	1	10/12/2009	10/13/2009	
cis-1,3-Dichloropropene	EPA 8260B	9J12032	2.0	0.22	ND	1	10/12/2009	10/13/2009	
trans-1,3-Dichloropropene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
1,1-Dichloropropene	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
Ethylbenzene	EPA 8260B	9J12032	2.0	0.25	ND	1	10/12/2009	10/13/2009	
Hexachlorobutadiene	EPA 8260B	9J12032	5.0	0.38	ND	1	10/12/2009	10/13/2009	
Isopropylbenzene	EPA 8260B	9J12032	2.0	0.25	ND	1	10/12/2009	10/13/2009	
p-Isopropyltoluene	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
Methylene chloride	EPA 8260B	9J12032	5.0	0.95	ND	1	10/12/2009	10/13/2009	
Naphthalene	EPA 8260B	9J12032	5.0	0.41	ND	1	10/12/2009	10/13/2009	

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ISJ0774 <Page 5 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-01 (JD-1 - Water) - cont.									
Reporting Units: ug/l									
n-Propylbenzene	EPA 8260B	9J12032	2.0	0.27	ND	1	10/12/2009	10/13/2009	
Styrene	EPA 8260B	9J12032	2.0	0.20	ND	1	10/12/2009	10/13/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9J12032	5.0	0.27	ND	1	10/12/2009	10/13/2009	
1,1,1,2,2-Tetrachloroethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Tetrachloroethene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
Toluene	EPA 8260B	9J12032	2.0	0.36	ND	1	10/12/2009	10/13/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9J12032	5.0	0.30	ND	1	10/12/2009	10/13/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9J12032	5.0	0.48	ND	1	10/12/2009	10/13/2009	
1,1,1-Trichloroethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
1,1,2-Trichloroethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Trichloroethene	EPA 8260B	9J12032	2.0	0.26	ND	1	10/12/2009	10/13/2009	
Trichlorofluoromethane	EPA 8260B	9J12032	5.0	0.34	ND	1	10/12/2009	10/13/2009	
1,2,3-Trichloropropane	EPA 8260B	9J12032	10	0.40	ND	1	10/12/2009	10/13/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9J12032	2.0	0.23	ND	1	10/12/2009	10/13/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9J12032	2.0	0.26	ND	1	10/12/2009	10/13/2009	
Vinyl chloride	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
m,p-Xylenes	EPA 8260B	9J12032	2.0	0.60	ND	1	10/12/2009	10/13/2009	
o-Xylene	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Xylenes, Total	EPA 8260B	9J12032	4.0	0.90	ND	1	10/12/2009	10/13/2009	
Di-isopropyl Ether (DIPE)	EPA 8260B	9J12032	5.0	0.25	ND	1	10/12/2009	10/13/2009	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	9J12032	5.0	0.28	ND	1	10/12/2009	10/13/2009	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	9J12032	5.0	0.32	ND	1	10/12/2009	10/13/2009	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	9J12032	5.0	0.33	ND	1	10/12/2009	10/13/2009	
tert-Butanol (TBA)	EPA 8260B	9J12032	50	6.5	ND	1	10/12/2009	10/13/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)									103 %
Surrogate: Dibromofluoromethane (80-120%)									105 %
Surrogate: Toluene-d8 (80-120%)									110 %

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ISJ0774 <Page 6 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-02 (JD-2 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
Bromobenzene	EPA 8260B	9J12032	5.0	0.27	ND	1	10/12/2009	10/13/2009	
Bromochloromethane	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
Bromodichloromethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Bromoform	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
Bromomethane	EPA 8260B	9J12032	5.0	0.42	ND	1	10/12/2009	10/13/2009	
n-Butylbenzene	EPA 8260B	9J12032	5.0	0.37	ND	1	10/12/2009	10/13/2009	
sec-Butylbenzene	EPA 8260B	9J12032	5.0	0.25	ND	1	10/12/2009	10/13/2009	
tert-Butylbenzene	EPA 8260B	9J12032	5.0	0.22	ND	1	10/12/2009	10/13/2009	
Carbon tetrachloride	EPA 8260B	9J12032	5.0	0.28	ND	1	10/12/2009	10/13/2009	
Chlorobenzene	EPA 8260B	9J12032	2.0	0.36	ND	1	10/12/2009	10/13/2009	
Chloroethane	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
Chloroform	EPA 8260B	9J12032	2.0	0.33	ND	1	10/12/2009	10/13/2009	
Chloromethane	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
2-Chlorotoluene	EPA 8260B	9J12032	5.0	0.28	ND	1	10/12/2009	10/13/2009	
4-Chlorotoluene	EPA 8260B	9J12032	5.0	0.29	ND	1	10/12/2009	10/13/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9J12032	5.0	0.97	ND	1	10/12/2009	10/13/2009	
Dibromochloromethane	EPA 8260B	9J12032	2.0	0.40	ND	1	10/12/2009	10/13/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9J12032	2.0	0.40	ND	1	10/12/2009	10/13/2009	
Dibromomethane	EPA 8260B	9J12032	2.0	0.36	ND	1	10/12/2009	10/13/2009	
1,2-Dichlorobenzene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
1,3-Dichlorobenzene	EPA 8260B	9J12032	2.0	0.35	ND	1	10/12/2009	10/13/2009	
1,4-Dichlorobenzene	EPA 8260B	9J12032	2.0	0.37	ND	1	10/12/2009	10/13/2009	
Dichlorodifluoromethane	EPA 8260B	9J12032	5.0	0.26	ND	1	10/12/2009	10/13/2009	
1,1-Dichloroethane	EPA 8260B	9J12032	2.0	0.40	ND	1	10/12/2009	10/13/2009	
1,2-Dichloroethane	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
1,1-Dichloroethene	EPA 8260B	9J12032	5.0	0.42	ND	1	10/12/2009	10/13/2009	
cis-1,2-Dichloroethene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
trans-1,2-Dichloroethene	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
1,2-Dichloropropane	EPA 8260B	9J12032	2.0	0.35	ND	1	10/12/2009	10/13/2009	
1,3-Dichloropropane	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
2,2-Dichloropropane	EPA 8260B	9J12032	2.0	0.34	ND	1	10/12/2009	10/13/2009	
cis-1,3-Dichloropropene	EPA 8260B	9J12032	2.0	0.22	ND	1	10/12/2009	10/13/2009	
trans-1,3-Dichloropropene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
1,1-Dichloropropene	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
Ethylbenzene	EPA 8260B	9J12032	2.0	0.25	ND	1	10/12/2009	10/13/2009	
Hexachlorobutadiene	EPA 8260B	9J12032	5.0	0.38	ND	1	10/12/2009	10/13/2009	
Isopropylbenzene	EPA 8260B	9J12032	2.0	0.25	ND	1	10/12/2009	10/13/2009	
p-Isopropyltoluene	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
Methylene chloride	EPA 8260B	9J12032	5.0	0.95	ND	1	10/12/2009	10/13/2009	
Naphthalene	EPA 8260B	9J12032	5.0	0.41	ND	1	10/12/2009	10/13/2009	

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ISJ0774 <Page 7 of 32>

MACTEC - Irvine
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Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-02 (JD-2 - Water) - cont.									
Reporting Units: ug/l									
n-Propylbenzene	EPA 8260B	9J12032	2.0	0.27	ND	1	10/12/2009	10/13/2009	
Styrene	EPA 8260B	9J12032	2.0	0.20	ND	1	10/12/2009	10/13/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9J12032	5.0	0.27	ND	1	10/12/2009	10/13/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Tetrachloroethene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
Toluene	EPA 8260B	9J12032	2.0	0.36	ND	1	10/12/2009	10/13/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9J12032	5.0	0.30	ND	1	10/12/2009	10/13/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9J12032	5.0	0.48	ND	1	10/12/2009	10/13/2009	
1,1,1-Trichloroethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
1,1,2-Trichloroethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Trichloroethene	EPA 8260B	9J12032	2.0	0.26	ND	1	10/12/2009	10/13/2009	
Trichlorofluoromethane	EPA 8260B	9J12032	5.0	0.34	ND	1	10/12/2009	10/13/2009	
1,2,3-Trichloropropane	EPA 8260B	9J12032	10	0.40	ND	1	10/12/2009	10/13/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9J12032	2.0	0.23	ND	1	10/12/2009	10/13/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9J12032	2.0	0.26	ND	1	10/12/2009	10/13/2009	
Vinyl chloride	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
m,p-Xylenes	EPA 8260B	9J12032	2.0	0.60	ND	1	10/12/2009	10/13/2009	
o-Xylene	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Xylenes, Total	EPA 8260B	9J12032	4.0	0.90	ND	1	10/12/2009	10/13/2009	
Di-isopropyl Ether (DIPE)	EPA 8260B	9J12032	5.0	0.25	ND	1	10/12/2009	10/13/2009	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	9J12032	5.0	0.28	ND	1	10/12/2009	10/13/2009	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	9J12032	5.0	0.32	ND	1	10/12/2009	10/13/2009	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	9J12032	5.0	0.33	ND	1	10/12/2009	10/13/2009	
tert-Butanol (TBA)	EPA 8260B	9J12032	50	6.5	ND	1	10/12/2009	10/13/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)					99 %				
Surrogate: Dibromofluoromethane (80-120%)					106 %				
Surrogate: Toluene-d8 (80-120%)					110 %				

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ISJ0774 <Page 8 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-03 (EW-1 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
Bromobenzene	EPA 8260B	9J12032	5.0	0.27	ND	1	10/12/2009	10/13/2009	
Bromochloromethane	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
Bromodichloromethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Bromoform	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
Bromomethane	EPA 8260B	9J12032	5.0	0.42	ND	1	10/12/2009	10/13/2009	
n-Butylbenzene	EPA 8260B	9J12032	5.0	0.37	ND	1	10/12/2009	10/13/2009	
sec-Butylbenzene	EPA 8260B	9J12032	5.0	0.25	ND	1	10/12/2009	10/13/2009	
tert-Butylbenzene	EPA 8260B	9J12032	5.0	0.22	ND	1	10/12/2009	10/13/2009	
Carbon tetrachloride	EPA 8260B	9J12032	5.0	0.28	ND	1	10/12/2009	10/13/2009	
Chlorobenzene	EPA 8260B	9J12032	2.0	0.36	ND	1	10/12/2009	10/13/2009	
Chloroethane	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
Chloroform	EPA 8260B	9J12032	2.0	0.33	ND	1	10/12/2009	10/13/2009	
Chloromethane	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
2-Chlorotoluene	EPA 8260B	9J12032	5.0	0.28	ND	1	10/12/2009	10/13/2009	
4-Chlorotoluene	EPA 8260B	9J12032	5.0	0.29	ND	1	10/12/2009	10/13/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9J12032	5.0	0.97	ND	1	10/12/2009	10/13/2009	
Dibromochloromethane	EPA 8260B	9J12032	2.0	0.40	ND	1	10/12/2009	10/13/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9J12032	2.0	0.40	ND	1	10/12/2009	10/13/2009	
Dibromomethane	EPA 8260B	9J12032	2.0	0.36	ND	1	10/12/2009	10/13/2009	
1,2-Dichlorobenzene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
1,3-Dichlorobenzene	EPA 8260B	9J12032	2.0	0.35	ND	1	10/12/2009	10/13/2009	
1,4-Dichlorobenzene	EPA 8260B	9J12032	2.0	0.37	ND	1	10/12/2009	10/13/2009	
Dichlorodifluoromethane	EPA 8260B	9J12032	5.0	0.26	ND	1	10/12/2009	10/13/2009	
1,1-Dichloroethane	EPA 8260B	9J12032	2.0	0.40	ND	1	10/12/2009	10/13/2009	
1,2-Dichloroethane	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
1,1-Dichloroethene	EPA 8260B	9J12032	5.0	0.42	ND	1	10/12/2009	10/13/2009	
cis-1,2-Dichloroethene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
trans-1,2-Dichloroethene	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
1,2-Dichloropropane	EPA 8260B	9J12032	2.0	0.35	ND	1	10/12/2009	10/13/2009	
1,3-Dichloropropane	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
2,2-Dichloropropane	EPA 8260B	9J12032	2.0	0.34	ND	1	10/12/2009	10/13/2009	
cis-1,3-Dichloropropene	EPA 8260B	9J12032	2.0	0.22	ND	1	10/12/2009	10/13/2009	
trans-1,3-Dichloropropene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
1,1-Dichloropropene	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
Ethylbenzene	EPA 8260B	9J12032	2.0	0.25	ND	1	10/12/2009	10/13/2009	
Hexachlorobutadiene	EPA 8260B	9J12032	5.0	0.38	ND	1	10/12/2009	10/13/2009	
Isopropylbenzene	EPA 8260B	9J12032	2.0	0.25	ND	1	10/12/2009	10/13/2009	
p-Isopropyltoluene	EPA 8260B	9J12032	2.0	0.28	ND	1	10/12/2009	10/13/2009	
Methylene chloride	EPA 8260B	9J12032	5.0	0.95	ND	1	10/12/2009	10/13/2009	
Naphthalene	EPA 8260B	9J12032	5.0	0.41	ND	1	10/12/2009	10/13/2009	

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ISJ0774 <Page 9 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-03 (EW-1 - Water) - cont.									
Reporting Units: ug/l									
n-Propylbenzene	EPA 8260B	9J12032	2.0	0.27	ND	1	10/12/2009	10/13/2009	
Styrene	EPA 8260B	9J12032	2.0	0.20	ND	1	10/12/2009	10/13/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9J12032	5.0	0.27	ND	1	10/12/2009	10/13/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Tetrachloroethene	EPA 8260B	9J12032	2.0	0.32	ND	1	10/12/2009	10/13/2009	
Toluene	EPA 8260B	9J12032	2.0	0.36	ND	1	10/12/2009	10/13/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9J12032	5.0	0.30	ND	1	10/12/2009	10/13/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9J12032	5.0	0.48	ND	1	10/12/2009	10/13/2009	
1,1,1-Trichloroethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
1,1,2-Trichloroethane	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Trichloroethene	EPA 8260B	9J12032	2.0	0.26	ND	1	10/12/2009	10/13/2009	
Trichlorofluoromethane	EPA 8260B	9J12032	5.0	0.34	ND	1	10/12/2009	10/13/2009	
1,2,3-Trichloropropane	EPA 8260B	9J12032	10	0.40	ND	1	10/12/2009	10/13/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9J12032	2.0	0.23	ND	1	10/12/2009	10/13/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9J12032	2.0	0.26	ND	1	10/12/2009	10/13/2009	
Vinyl chloride	EPA 8260B	9J12032	5.0	0.40	ND	1	10/12/2009	10/13/2009	
m,p-Xylenes	EPA 8260B	9J12032	2.0	0.60	ND	1	10/12/2009	10/13/2009	
o-Xylene	EPA 8260B	9J12032	2.0	0.30	ND	1	10/12/2009	10/13/2009	
Xylenes, Total	EPA 8260B	9J12032	4.0	0.90	ND	1	10/12/2009	10/13/2009	
Di-isopropyl Ether (DIPE)	EPA 8260B	9J12032	5.0	0.25	ND	1	10/12/2009	10/13/2009	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	9J12032	5.0	0.28	ND	1	10/12/2009	10/13/2009	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	9J12032	5.0	0.32	ND	1	10/12/2009	10/13/2009	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	9J12032	5.0	0.33	ND	1	10/12/2009	10/13/2009	
tert-Butanol (TBA)	EPA 8260B	9J12032	50	6.5	ND	1	10/12/2009	10/13/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)									104 %
Surrogate: Dibromofluoromethane (80-120%)									105 %
Surrogate: Toluene-d8 (80-120%)									111 %

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ISJ0774 <Page 10 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-04 (QCEB-1 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	9J12017	2.0	0.28	ND	1	10/12/2009	10/12/2009	
Bromobenzene	EPA 8260B	9J12017	5.0	0.27	ND	1	10/12/2009	10/12/2009	
Bromochloromethane	EPA 8260B	9J12017	5.0	0.40	ND	1	10/12/2009	10/12/2009	
Bromodichloromethane	EPA 8260B	9J12017	2.0	0.30	ND	1	10/12/2009	10/12/2009	
Bromoform	EPA 8260B	9J12017	5.0	0.40	ND	1	10/12/2009	10/12/2009	
Bromomethane	EPA 8260B	9J12017	5.0	0.42	ND	1	10/12/2009	10/12/2009	
n-Butylbenzene	EPA 8260B	9J12017	5.0	0.37	ND	1	10/12/2009	10/12/2009	
sec-Butylbenzene	EPA 8260B	9J12017	5.0	0.25	ND	1	10/12/2009	10/12/2009	
tert-Butylbenzene	EPA 8260B	9J12017	5.0	0.22	ND	1	10/12/2009	10/12/2009	
Carbon tetrachloride	EPA 8260B	9J12017	5.0	0.28	ND	1	10/12/2009	10/12/2009	
Chlorobenzene	EPA 8260B	9J12017	2.0	0.36	ND	1	10/12/2009	10/12/2009	
Chloroethane	EPA 8260B	9J12017	5.0	0.40	ND	1	10/12/2009	10/12/2009	
Chloroform	EPA 8260B	9J12017	2.0	0.33	ND	1	10/12/2009	10/12/2009	
Chloromethane	EPA 8260B	9J12017	5.0	0.40	ND	1	10/12/2009	10/12/2009	
2-Chlorotoluene	EPA 8260B	9J12017	5.0	0.28	ND	1	10/12/2009	10/12/2009	
4-Chlorotoluene	EPA 8260B	9J12017	5.0	0.29	ND	1	10/12/2009	10/12/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9J12017	5.0	0.97	ND	1	10/12/2009	10/12/2009	
Dibromochloromethane	EPA 8260B	9J12017	2.0	0.40	ND	1	10/12/2009	10/12/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9J12017	2.0	0.40	ND	1	10/12/2009	10/12/2009	
Dibromomethane	EPA 8260B	9J12017	2.0	0.36	ND	1	10/12/2009	10/12/2009	
1,2-Dichlorobenzene	EPA 8260B	9J12017	2.0	0.32	ND	1	10/12/2009	10/12/2009	
1,3-Dichlorobenzene	EPA 8260B	9J12017	2.0	0.35	ND	1	10/12/2009	10/12/2009	
1,4-Dichlorobenzene	EPA 8260B	9J12017	2.0	0.37	ND	1	10/12/2009	10/12/2009	
Dichlorodifluoromethane	EPA 8260B	9J12017	5.0	0.26	ND	1	10/12/2009	10/12/2009	
1,1-Dichloroethane	EPA 8260B	9J12017	2.0	0.40	ND	1	10/12/2009	10/12/2009	
1,2-Dichloroethane	EPA 8260B	9J12017	2.0	0.28	ND	1	10/12/2009	10/12/2009	
1,1-Dichloroethene	EPA 8260B	9J12017	5.0	0.42	ND	1	10/12/2009	10/12/2009	
cis-1,2-Dichloroethene	EPA 8260B	9J12017	2.0	0.32	ND	1	10/12/2009	10/12/2009	
trans-1,2-Dichloroethene	EPA 8260B	9J12017	2.0	0.30	ND	1	10/12/2009	10/12/2009	
1,2-Dichloropropane	EPA 8260B	9J12017	2.0	0.35	ND	1	10/12/2009	10/12/2009	
1,3-Dichloropropane	EPA 8260B	9J12017	2.0	0.32	ND	1	10/12/2009	10/12/2009	
2,2-Dichloropropane	EPA 8260B	9J12017	2.0	0.34	ND	1	10/12/2009	10/12/2009	
cis-1,3-Dichloropropene	EPA 8260B	9J12017	2.0	0.22	ND	1	10/12/2009	10/12/2009	
trans-1,3-Dichloropropene	EPA 8260B	9J12017	2.0	0.32	ND	1	10/12/2009	10/12/2009	
1,1-Dichloropropene	EPA 8260B	9J12017	2.0	0.28	ND	1	10/12/2009	10/12/2009	
Ethylbenzene	EPA 8260B	9J12017	2.0	0.25	ND	1	10/12/2009	10/12/2009	
Hexachlorobutadiene	EPA 8260B	9J12017	5.0	0.38	ND	1	10/12/2009	10/12/2009	
Isopropylbenzene	EPA 8260B	9J12017	2.0	0.25	ND	1	10/12/2009	10/12/2009	
p-Isopropyltoluene	EPA 8260B	9J12017	2.0	0.28	ND	1	10/12/2009	10/12/2009	
Methylene chloride	EPA 8260B	9J12017	5.0	0.95	ND	1	10/12/2009	10/12/2009	
Naphthalene	EPA 8260B	9J12017	5.0	0.41	ND	1	10/12/2009	10/12/2009	

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ISJ0774 <Page 11 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISJ0774-04 (QCEB-1 - Water) - cont.									
Reporting Units: ug/l									
n-Propylbenzene	EPA 8260B	9J12017	2.0	0.27	ND	1	10/12/2009	10/12/2009	
Styrene	EPA 8260B	9J12017	2.0	0.20	ND	1	10/12/2009	10/12/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9J12017	5.0	0.27	ND	1	10/12/2009	10/12/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9J12017	2.0	0.30	ND	1	10/12/2009	10/12/2009	
Tetrachloroethene	EPA 8260B	9J12017	2.0	0.32	ND	1	10/12/2009	10/12/2009	
Toluene	EPA 8260B	9J12017	2.0	0.36	ND	1	10/12/2009	10/12/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9J12017	5.0	0.30	ND	1	10/12/2009	10/12/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9J12017	5.0	0.48	ND	1	10/12/2009	10/12/2009	
1,1,1-Trichloroethane	EPA 8260B	9J12017	2.0	0.30	ND	1	10/12/2009	10/12/2009	
1,1,2-Trichloroethane	EPA 8260B	9J12017	2.0	0.30	ND	1	10/12/2009	10/12/2009	
Trichloroethene	EPA 8260B	9J12017	2.0	0.26	ND	1	10/12/2009	10/12/2009	
Trichlorofluoromethane	EPA 8260B	9J12017	5.0	0.34	ND	1	10/12/2009	10/12/2009	
1,2,3-Trichloropropane	EPA 8260B	9J12017	10	0.40	ND	1	10/12/2009	10/12/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9J12017	2.0	0.23	ND	1	10/12/2009	10/12/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9J12017	2.0	0.26	ND	1	10/12/2009	10/12/2009	
Vinyl chloride	EPA 8260B	9J12017	5.0	0.40	ND	1	10/12/2009	10/12/2009	
m,p-Xylenes	EPA 8260B	9J12017	2.0	0.60	ND	1	10/12/2009	10/12/2009	
o-Xylene	EPA 8260B	9J12017	2.0	0.30	ND	1	10/12/2009	10/12/2009	
Xylenes, Total	EPA 8260B	9J12017	4.0	0.90	ND	1	10/12/2009	10/12/2009	
Di-isopropyl Ether (DIPE)	EPA 8260B	9J12017	5.0	0.25	ND	1	10/12/2009	10/12/2009	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	9J12017	5.0	0.28	ND	1	10/12/2009	10/12/2009	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	9J12017	5.0	0.32	ND	1	10/12/2009	10/12/2009	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	9J12017	5.0	0.33	ND	1	10/12/2009	10/12/2009	
tert-Butanol (TBA)	EPA 8260B	9J12017	50	6.5	ND	1	10/12/2009	10/12/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)									99 %
Surrogate: Dibromofluoromethane (80-120%)									100 %
Surrogate: Toluene-d8 (80-120%)									108 %

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ISJ0774 <Page 12 of 32>

MACTEC - Irvine
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Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J13015 Extracted: 10/13/09										
Blank Analyzed: 10/13/2009 (9J13015-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
C4-C5	ND	22	ug/l							
C6	ND	22	ug/l							
C7	ND	22	ug/l							
C8	ND	22	ug/l							
C9	ND	22	ug/l							
C10	ND	22	ug/l							
C11	ND	22	ug/l							
C12	ND	22	ug/l							
Surrogate: 4-BFB (FID)	8.64		ug/l	10.0		86	65-140			
LCS Analyzed: 10/13/2009 (9J13015-BS1)										
GRO (C4 - C12)	724	50	ug/l	800		91	80-120			
Surrogate: 4-BFB (FID)	18.3		ug/l	10.0		183	65-140			22
Matrix Spike Analyzed: 10/13/2009 (9J13015-MS1)										
					Source: ISJ0779-01					
GRO (C4 - C12)	238	50	ug/l	220	ND	108	65-140			
Surrogate: 4-BFB (FID)	12.5		ug/l	10.0		125	65-140			
Matrix Spike Dup Analyzed: 10/13/2009 (9J13015-MSD1)										
					Source: ISJ0779-01					
GRO (C4 - C12)	235	50	ug/l	220	ND	107	65-140	1	20	
Surrogate: 4-BFB (FID)	11.4		ug/l	10.0		114	65-140			

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ISJ0774 <Page 13 of 32>

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Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (EPA 3510C/EPA 8015B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J13073 Extracted: 10/13/09										
Blank Analyzed: 10/13/2009 (9J13073-BLK1)										
EFH (C13 - C22)	ND	0.50	mg/l							
EFH (C23 - C32)	ND	0.50	mg/l							
EFH (C33 - C40)	ND	0.50	mg/l							
EFH (C10 - C28)	ND	0.50	mg/l							
Surrogate: n-Octacosane	0.164		mg/l	0.200		82	45-120			
LCS Analyzed: 10/13/2009 (9J13073-BS1)										
EFH (C10 - C28)	0.598	0.50	mg/l	1.00		60	40-115			
Surrogate: n-Octacosane	0.147		mg/l	0.200		73	45-120			
Matrix Spike Analyzed: 10/13/2009 (9J13073-MS1)										
					Source: ISJ0779-01					
EFH (C10 - C28)	0.557	0.47	mg/l	0.943	ND	59	40-120			
Surrogate: n-Octacosane	0.134		mg/l	0.189		71	45-120			
Matrix Spike Dup Analyzed: 10/13/2009 (9J13073-MSD1)										
					Source: ISJ0779-01					
EFH (C10 - C28)	0.592	0.47	mg/l	0.943	ND	63	40-120	6	30	
Surrogate: n-Octacosane	0.137		mg/l	0.189		72	45-120			

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Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: 9J12017 Extracted: 10/12/09									
Blank Analyzed: 10/12/2009 (9J12017-BLK1)									
Benzene	ND	2.0	ug/l						
Bromobenzene	ND	5.0	ug/l						
Bromochloromethane	ND	5.0	ug/l						
Bromodichloromethane	ND	2.0	ug/l						
Bromoform	ND	5.0	ug/l						
Bromomethane	ND	5.0	ug/l						
n-Butylbenzene	ND	5.0	ug/l						
sec-Butylbenzene	ND	5.0	ug/l						
tert-Butylbenzene	ND	5.0	ug/l						
Carbon tetrachloride	ND	5.0	ug/l						
Chlorobenzene	ND	2.0	ug/l						
Chloroethane	ND	5.0	ug/l						
Chloroform	ND	2.0	ug/l						
Chloromethane	ND	5.0	ug/l						
2-Chlorotoluene	ND	5.0	ug/l						
4-Chlorotoluene	ND	5.0	ug/l						
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l						
Dibromochloromethane	ND	2.0	ug/l						
1,2-Dibromoethane (EDB)	ND	2.0	ug/l						
Dibromomethane	ND	2.0	ug/l						
1,2-Dichlorobenzene	ND	2.0	ug/l						
1,3-Dichlorobenzene	ND	2.0	ug/l						
1,4-Dichlorobenzene	ND	2.0	ug/l						
Dichlorodifluoromethane	ND	5.0	ug/l						
1,1-Dichloroethane	ND	2.0	ug/l						
1,2-Dichloroethane	ND	2.0	ug/l						
1,1-Dichloroethene	ND	5.0	ug/l						
cis-1,2-Dichloroethene	ND	2.0	ug/l						
trans-1,2-Dichloroethene	ND	2.0	ug/l						
1,2-Dichloropropane	ND	2.0	ug/l						
1,3-Dichloropropane	ND	2.0	ug/l						
2,2-Dichloropropane	ND	2.0	ug/l						
cis-1,3-Dichloropropene	ND	2.0	ug/l						
trans-1,3-Dichloropropene	ND	2.0	ug/l						
1,1-Dichloropropene	ND	2.0	ug/l						
Ethylbenzene	ND	2.0	ug/l						

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12017 Extracted: 10/12/09										
Blank Analyzed: 10/12/2009 (9J12017-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	25.6		ug/l	25.0		102	80-120			
Surrogate: Dibromofluoromethane	26.0		ug/l	25.0		104	80-120			
Surrogate: Toluene-d8	27.8		ug/l	25.0		111	80-120			

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Project Manager

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ISJ0774 <Page 16 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12017 Extracted: 10/12/09										
LCS Analyzed: 10/12/2009 (9J12017-BS1)										
Benzene	25.8	2.0	ug/l	25.0		103	70-120			
Bromobenzene	26.7	5.0	ug/l	25.0		107	75-120			
Bromochloromethane	26.0	5.0	ug/l	25.0		104	70-130			
Bromodichloromethane	27.0	2.0	ug/l	25.0		108	70-135			
Bromoform	22.7	5.0	ug/l	25.0		91	55-130			
Bromomethane	25.7	5.0	ug/l	25.0		103	65-140			
n-Butylbenzene	27.3	5.0	ug/l	25.0		109	70-130			
sec-Butylbenzene	27.2	5.0	ug/l	25.0		109	70-125			
tert-Butylbenzene	25.9	5.0	ug/l	25.0		104	70-125			
Carbon tetrachloride	25.6	5.0	ug/l	25.0		103	65-140			
Chlorobenzene	24.8	2.0	ug/l	25.0		99	75-120			
Chloroethane	24.2	5.0	ug/l	25.0		97	60-140			
Chloroform	25.6	2.0	ug/l	25.0		102	70-130			
Chloromethane	24.8	5.0	ug/l	25.0		99	50-140			
2-Chlorotoluene	26.0	5.0	ug/l	25.0		104	70-125			
4-Chlorotoluene	26.0	5.0	ug/l	25.0		104	75-125			
1,2-Dibromo-3-chloropropane	26.4	5.0	ug/l	25.0		106	50-135			
Dibromochloromethane	24.8	2.0	ug/l	25.0		99	70-140			
1,2-Dibromoethane (EDB)	25.8	2.0	ug/l	25.0		103	75-125			
Dibromomethane	25.9	2.0	ug/l	25.0		104	70-125			
1,2-Dichlorobenzene	27.7	2.0	ug/l	25.0		111	75-120			
1,3-Dichlorobenzene	27.0	2.0	ug/l	25.0		108	75-120			
1,4-Dichlorobenzene	25.7	2.0	ug/l	25.0		103	75-120			
Dichlorodifluoromethane	24.1	5.0	ug/l	25.0		97	35-155			
1,1-Dichloroethane	26.1	2.0	ug/l	25.0		104	70-125			
1,2-Dichloroethane	24.7	2.0	ug/l	25.0		99	60-140			
1,1-Dichloroethene	27.1	5.0	ug/l	25.0		109	70-125			
cis-1,2-Dichloroethene	27.4	2.0	ug/l	25.0		109	70-125			
trans-1,2-Dichloroethene	26.3	2.0	ug/l	25.0		105	70-125			
1,2-Dichloropropane	26.0	2.0	ug/l	25.0		104	70-125			
1,3-Dichloropropane	26.1	2.0	ug/l	25.0		104	70-120			
2,2-Dichloropropane	27.1	2.0	ug/l	25.0		108	65-140			
cis-1,3-Dichloropropene	30.8	2.0	ug/l	25.0		123	75-125			
trans-1,3-Dichloropropene	25.0	2.0	ug/l	25.0		100	70-125			
1,1-Dichloropropene	27.0	2.0	ug/l	25.0		108	75-130			
Ethylbenzene	25.1	2.0	ug/l	25.0		100	75-125			

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12017 Extracted: 10/12/09									
LCS Analyzed: 10/12/2009 (9J12017-BS1)									
Hexachlorobutadiene	26.3	5.0	ug/l	25.0		105 65-135			
Isopropylbenzene	26.2	2.0	ug/l	25.0		105 75-130			
p-Isopropyltoluene	26.9	2.0	ug/l	25.0		108 75-125			
Methylene chloride	22.4	5.0	ug/l	25.0		90 55-130			
Naphthalene	27.0	5.0	ug/l	25.0		108 55-135			
n-Propylbenzene	27.1	2.0	ug/l	25.0		108 75-130			
Styrene	25.0	2.0	ug/l	25.0		100 75-130			
1,1,1,2-Tetrachloroethane	25.4	5.0	ug/l	25.0		102 70-130			
1,1,2,2-Tetrachloroethane	27.8	2.0	ug/l	25.0		111 55-130			
Tetrachloroethene	24.5	2.0	ug/l	25.0		98 70-125			
Toluene	26.8	2.0	ug/l	25.0		107 70-120			
1,2,3-Trichlorobenzene	27.0	5.0	ug/l	25.0		108 65-125			
1,2,4-Trichlorobenzene	26.3	5.0	ug/l	25.0		105 70-135			
1,1,1-Trichloroethane	25.1	2.0	ug/l	25.0		101 65-135			
1,1,2-Trichloroethane	26.6	2.0	ug/l	25.0		106 70-125			
Trichloroethene	26.9	2.0	ug/l	25.0		107 70-125			
Trichlorofluoromethane	23.5	5.0	ug/l	25.0		94 65-145			
1,2,3-Trichloropropane	26.9	10	ug/l	25.0		108 60-130			
1,2,4-Trimethylbenzene	25.8	2.0	ug/l	25.0		103 75-125			
1,3,5-Trimethylbenzene	26.4	2.0	ug/l	25.0		106 75-125			
Vinyl chloride	23.6	5.0	ug/l	25.0		94 55-135			
m,p-Xylenes	50.4	2.0	ug/l	50.0		101 75-125			
o-Xylene	25.8	2.0	ug/l	25.0		103 75-125			
Xylenes, Total	76.2	4.0	ug/l	75.0		102 70-125			
Di-isopropyl Ether (DIPE)	26.8	5.0	ug/l	25.0		107 60-135			
Ethyl tert-Butyl Ether (ETBE)	26.6	5.0	ug/l	25.0		106 65-135			
Methyl-tert-butyl Ether (MTBE)	25.1	5.0	ug/l	25.0		100 60-135			
tert-Amyl Methyl Ether (TAME)	26.3	5.0	ug/l	25.0		105 60-135			
tert-Butanol (TBA)	119	50	ug/l	125		96 70-135			
Surrogate: 4-Bromofluorobenzene	26.3		ug/l	25.0		105 80-120			
Surrogate: Dibromofluoromethane	26.2		ug/l	25.0		105 80-120			
Surrogate: Toluene-d8	27.0		ug/l	25.0		108 80-120			

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Project Manager

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ISJ0774 <Page 18 of 32>

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Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12017 Extracted: 10/12/09										
Matrix Spike Analyzed: 10/12/2009 (9J12017-MS1)				Source: ISJ0322-01						
Benzene	23.8	2.0	ug/l	25.0	ND	95	65-125			
Bromobenzene	25.7	5.0	ug/l	25.0	ND	103	70-125			
Bromochloromethane	26.9	5.0	ug/l	25.0	ND	108	65-135			
Bromodichloromethane	25.8	2.0	ug/l	25.0	ND	103	70-135			
Bromoform	20.5	5.0	ug/l	25.0	ND	82	55-135			
Bromomethane	24.4	5.0	ug/l	25.0	ND	97	55-145			
n-Butylbenzene	26.3	5.0	ug/l	25.0	ND	105	65-135			
sec-Butylbenzene	26.2	5.0	ug/l	25.0	ND	105	70-125			
tert-Butylbenzene	25.0	5.0	ug/l	25.0	ND	100	65-130			
Carbon tetrachloride	24.4	5.0	ug/l	25.0	ND	98	65-140			
Chlorobenzene	24.2	2.0	ug/l	25.0	ND	97	75-125			
Chloroethane	28.5	5.0	ug/l	25.0	ND	114	55-140			
Chloroform	24.1	2.0	ug/l	25.0	ND	96	65-135			
Chloromethane	22.7	5.0	ug/l	25.0	ND	91	45-145			
2-Chlorotoluene	25.4	5.0	ug/l	25.0	ND	101	65-135			
4-Chlorotoluene	25.1	5.0	ug/l	25.0	ND	100	70-135			
1,2-Dibromo-3-chloropropane	26.0	5.0	ug/l	25.0	ND	104	45-145			
Dibromochloromethane	23.3	2.0	ug/l	25.0	ND	93	65-140			
1,2-Dibromoethane (EDB)	25.0	2.0	ug/l	25.0	ND	100	70-130			
Dibromomethane	25.7	2.0	ug/l	25.0	ND	103	65-135			
1,2-Dichlorobenzene	26.2	2.0	ug/l	25.0	ND	105	75-125			
1,3-Dichlorobenzene	26.1	2.0	ug/l	25.0	ND	104	75-125			
1,4-Dichlorobenzene	24.5	2.0	ug/l	25.0	ND	98	75-125			
Dichlorodifluoromethane	19.6	5.0	ug/l	25.0	ND	78	25-155			
1,1-Dichloroethane	27.2	2.0	ug/l	25.0	ND	109	65-130			
1,2-Dichloroethane	24.4	2.0	ug/l	25.0	ND	97	60-140			
1,1-Dichloroethene	26.5	5.0	ug/l	25.0	ND	106	60-130			
cis-1,2-Dichloroethene	27.2	2.0	ug/l	25.0	ND	109	65-130			
trans-1,2-Dichloroethene	25.9	2.0	ug/l	25.0	ND	103	65-130			
1,2-Dichloropropane	26.2	2.0	ug/l	25.0	ND	105	65-130			
1,3-Dichloropropane	25.2	2.0	ug/l	25.0	ND	101	65-135			
2,2-Dichloropropane	26.6	2.0	ug/l	25.0	ND	106	60-145			
cis-1,3-Dichloropropene	29.9	2.0	ug/l	25.0	ND	120	70-130			
trans-1,3-Dichloropropene	23.7	2.0	ug/l	25.0	ND	95	65-135			
1,1-Dichloropropene	26.9	2.0	ug/l	25.0	ND	108	70-135			
Ethylbenzene	23.6	2.0	ug/l	25.0	ND	95	65-130			

TestAmerica Irvine

Joseph Doak
Project Manager

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Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12017 Extracted: 10/12/09										
Matrix Spike Analyzed: 10/12/2009 (9J12017-MS1)					Source: ISJ0322-01					
Hexachlorobutadiene	24.0	5.0	ug/l	25.0	ND	96	60-135			
Isopropylbenzene	24.6	2.0	ug/l	25.0	ND	98	70-135			
p-Isopropyltoluene	25.7	2.0	ug/l	25.0	ND	103	65-130			
Methylene chloride	23.5	5.0	ug/l	25.0	ND	94	50-135			
Naphthalene	25.2	5.0	ug/l	25.0	ND	101	50-140			
n-Propylbenzene	26.0	2.0	ug/l	25.0	ND	104	70-135			
Styrene	23.1	2.0	ug/l	25.0	ND	92	50-145			
1,1,1,2-Tetrachloroethane	23.2	5.0	ug/l	25.0	ND	93	65-140			
1,1,2,2-Tetrachloroethane	27.6	2.0	ug/l	25.0	ND	110	55-135			
Tetrachloroethene	23.0	2.0	ug/l	25.0	ND	92	65-130			
Toluene	25.8	2.0	ug/l	25.0	ND	103	70-125			
1,2,3-Trichlorobenzene	24.5	5.0	ug/l	25.0	ND	98	60-135			
1,2,4-Trichlorobenzene	25.4	5.0	ug/l	25.0	ND	102	65-135			
1,1,1-Trichloroethane	25.1	2.0	ug/l	25.0	ND	100	65-140			
1,1,2-Trichloroethane	27.6	2.0	ug/l	25.0	ND	110	65-130			
Trichloroethene	25.1	2.0	ug/l	25.0	ND	100	65-125			
Trichlorofluoromethane	23.1	5.0	ug/l	25.0	ND	93	60-145			
1,2,3-Trichloropropane	26.6	10	ug/l	25.0	ND	106	55-135			
1,2,4-Trimethylbenzene	25.3	2.0	ug/l	25.0	ND	101	55-135			
1,3,5-Trimethylbenzene	25.7	2.0	ug/l	25.0	ND	103	70-130			
Vinyl chloride	24.3	5.0	ug/l	25.0	ND	97	45-140			
m,p-Xylenes	47.4	2.0	ug/l	50.0	ND	95	65-130			
o-Xylene	26.4	2.0	ug/l	25.0	ND	106	65-125			
Xylenes, Total	73.8	4.0	ug/l	75.0	ND	98	60-130			
Di-isopropyl Ether (DIPE)	28.0	5.0	ug/l	25.0	ND	112	60-140			
Ethyl tert-Butyl Ether (ETBE)	26.9	5.0	ug/l	25.0	ND	108	60-135			
Methyl-tert-butyl Ether (MTBE)	25.1	5.0	ug/l	25.0	ND	100	55-145			
tert-Amyl Methyl Ether (TAME)	26.1	5.0	ug/l	25.0	ND	104	60-140			
tert-Butanol (TBA)	125	50	ug/l	125	ND	100	65-140			
Surrogate: 4-Bromofluorobenzene	26.9		ug/l	25.0		107	80-120			
Surrogate: Dibromofluoromethane	26.7		ug/l	25.0		107	80-120			
Surrogate: Toluene-d8	27.9		ug/l	25.0		112	80-120			

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Project Manager

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2171 Campus Drive, Suite 100
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Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12017 Extracted: 10/12/09										
Matrix Spike Dup Analyzed: 10/12/2009 (9J12017-MSD1)				Source: ISJ0322-01						
Benzene	27.0	2.0	ug/l	25.0	ND	108	65-125	13	20	
Bromobenzene	30.0	5.0	ug/l	25.0	ND	120	70-125	15	20	
Bromochloromethane	30.2	5.0	ug/l	25.0	ND	121	65-135	11	25	
Bromodichloromethane	29.3	2.0	ug/l	25.0	ND	117	70-135	13	20	
Bromoform	23.8	5.0	ug/l	25.0	ND	95	55-135	15	25	
Bromomethane	27.2	5.0	ug/l	25.0	ND	109	55-145	11	25	
n-Butylbenzene	28.6	5.0	ug/l	25.0	ND	115	65-135	9	20	
sec-Butylbenzene	29.4	5.0	ug/l	25.0	ND	118	70-125	12	20	
tert-Butylbenzene	27.8	5.0	ug/l	25.0	ND	111	65-130	11	20	
Carbon tetrachloride	28.7	5.0	ug/l	25.0	ND	115	65-140	16	25	
Chlorobenzene	27.8	2.0	ug/l	25.0	ND	111	75-125	14	20	
Chloroethane	28.6	5.0	ug/l	25.0	ND	114	55-140	0	25	
Chloroform	27.1	2.0	ug/l	25.0	ND	109	65-135	12	20	
Chloromethane	26.2	5.0	ug/l	25.0	ND	105	45-145	14	25	
2-Chlorotoluene	28.6	5.0	ug/l	25.0	ND	114	65-135	12	20	
4-Chlorotoluene	28.0	5.0	ug/l	25.0	ND	112	70-135	11	20	
1,2-Dibromo-3-chloropropane	29.5	5.0	ug/l	25.0	ND	118	45-145	13	30	
Dibromochloromethane	26.9	2.0	ug/l	25.0	ND	108	65-140	15	25	
1,2-Dibromoethane (EDB)	28.8	2.0	ug/l	25.0	ND	115	70-130	14	25	
Dibromomethane	29.3	2.0	ug/l	25.0	ND	117	65-135	13	25	
1,2-Dichlorobenzene	29.1	2.0	ug/l	25.0	ND	116	75-125	10	20	
1,3-Dichlorobenzene	28.7	2.0	ug/l	25.0	ND	115	75-125	9	20	
1,4-Dichlorobenzene	27.8	2.0	ug/l	25.0	ND	111	75-125	13	20	
Dichlorodifluoromethane	23.3	5.0	ug/l	25.0	ND	93	25-155	18	30	
1,1-Dichloroethane	29.4	2.0	ug/l	25.0	ND	118	65-130	8	20	
1,2-Dichloroethane	26.9	2.0	ug/l	25.0	ND	108	60-140	10	20	
1,1-Dichloroethene	29.2	5.0	ug/l	25.0	ND	117	60-130	10	20	
cis-1,2-Dichloroethene	30.8	2.0	ug/l	25.0	ND	123	65-130	12	20	
trans-1,2-Dichloroethene	28.5	2.0	ug/l	25.0	ND	114	65-130	10	20	
1,2-Dichloropropane	29.0	2.0	ug/l	25.0	ND	116	65-130	10	20	
1,3-Dichloropropane	29.6	2.0	ug/l	25.0	ND	118	65-135	16	25	
2,2-Dichloropropane	28.7	2.0	ug/l	25.0	ND	115	60-145	8	25	
cis-1,3-Dichloropropene	34.0	2.0	ug/l	25.0	ND	136	70-130	13	20	MI
trans-1,3-Dichloropropene	26.5	2.0	ug/l	25.0	ND	106	65-135	11	25	
1,1-Dichloropropene	29.3	2.0	ug/l	25.0	ND	117	70-135	8	20	
Ethylbenzene	26.9	2.0	ug/l	25.0	ND	108	65-130	13	20	

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12017 Extracted: 10/12/09										
Matrix Spike Dup Analyzed: 10/12/2009 (9J12017-MSD1)					Source: ISJ0322-01					
Hexachlorobutadiene	26.7	5.0	ug/l	25.0	ND	107	60-135	10	20	
Isopropylbenzene	28.2	2.0	ug/l	25.0	ND	113	70-135	13	20	
p-Isopropyltoluene	28.7	2.0	ug/l	25.0	ND	115	65-130	11	20	
Methylene chloride	27.3	5.0	ug/l	25.0	ND	109	50-135	15	20	
Naphthalene	28.5	5.0	ug/l	25.0	ND	114	50-140	12	30	
n-Propylbenzene	28.4	2.0	ug/l	25.0	ND	114	70-135	9	20	
Styrene	21.3	2.0	ug/l	25.0	ND	85	50-145	8	30	
1,1,1,2-Tetrachloroethane	26.7	5.0	ug/l	25.0	ND	107	65-140	14	20	
1,1,2,2-Tetrachloroethane	31.2	2.0	ug/l	25.0	ND	125	55-135	12	30	
Tetrachloroethene	26.8	2.0	ug/l	25.0	ND	107	65-130	15	20	
Toluene	28.2	2.0	ug/l	25.0	ND	113	70-125	9	20	
1,2,3-Trichlorobenzene	27.6	5.0	ug/l	25.0	ND	111	60-135	12	20	
1,2,4-Trichlorobenzene	28.0	5.0	ug/l	25.0	ND	112	65-135	10	20	
1,1,1-Trichloroethane	28.0	2.0	ug/l	25.0	ND	112	65-140	11	20	
1,1,2-Trichloroethane	29.7	2.0	ug/l	25.0	ND	119	65-130	7	25	
Trichloroethene	27.9	2.0	ug/l	25.0	ND	112	65-125	11	20	
Trichlorofluoromethane	25.6	5.0	ug/l	25.0	ND	102	60-145	10	25	
1,2,3-Trichloropropane	29.9	10	ug/l	25.0	ND	120	55-135	12	30	
1,2,4-Trimethylbenzene	28.3	2.0	ug/l	25.0	ND	113	55-135	11	25	
1,3,5-Trimethylbenzene	28.6	2.0	ug/l	25.0	ND	114	70-130	11	20	
Vinyl chloride	27.6	5.0	ug/l	25.0	ND	111	45-140	13	30	
m,p-Xylenes	54.4	2.0	ug/l	50.0	ND	109	65-130	14	25	
o-Xylene	28.9	2.0	ug/l	25.0	ND	116	65-125	9	20	
Xylenes, Total	83.3	4.0	ug/l	75.0	ND	111	60-130	12	20	
Di-isopropyl Ether (DIPE)	31.0	5.0	ug/l	25.0	ND	124	60-140	10	25	
Ethyl tert-Butyl Ether (ETBE)	29.8	5.0	ug/l	25.0	ND	119	60-135	10	25	
Methyl-tert-butyl Ether (MTBE)	28.5	5.0	ug/l	25.0	ND	114	55-145	13	25	
tert-Amyl Methyl Ether (TAME)	29.1	5.0	ug/l	25.0	ND	117	60-140	11	30	
tert-Butanol (TBA)	135	50	ug/l	125	ND	108	65-140	7	25	
Surrogate: 4-Bromofluorobenzene	27.5		ug/l	25.0		110	80-120			
Surrogate: Dibromofluoromethane	26.8		ug/l	25.0		107	80-120			
Surrogate: Toluene-d8	28.4		ug/l	25.0		113	80-120			

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ISJ0774 <Page 22 of 32>

MACTEC - Irvine
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Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12032 Extracted: 10/12/09										
Blank Analyzed: 10/12/2009 (9J12032-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12032 Extracted: 10/12/09										
Blank Analyzed: 10/12/2009 (9J12032-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	25.5		ug/l	25.0		102	80-120			
Surrogate: Dibromofluoromethane	25.3		ug/l	25.0		101	80-120			
Surrogate: Toluene-d8	26.8		ug/l	25.0		107	80-120			

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ISJ0774 <Page 24 of 32>

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Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12032 Extracted: 10/12/09										
LCS Analyzed: 10/12/2009 (9J12032-BS1)										
Benzene	21.9	2.0	ug/l	25.0		87	70-120			
Bromobenzene	24.7	5.0	ug/l	25.0		99	75-120			
Bromochloromethane	24.0	5.0	ug/l	25.0		96	70-130			
Bromodichloromethane	23.1	2.0	ug/l	25.0		92	70-135			
Bromoform	18.7	5.0	ug/l	25.0		75	55-130			
Bromomethane	21.6	5.0	ug/l	25.0		86	65-140			
n-Butylbenzene	24.4	5.0	ug/l	25.0		97	70-130			
sec-Butylbenzene	24.1	5.0	ug/l	25.0		96	70-125			
tert-Butylbenzene	23.3	5.0	ug/l	25.0		93	70-125			
Carbon tetrachloride	22.7	5.0	ug/l	25.0		91	65-140			
Chlorobenzene	22.8	2.0	ug/l	25.0		91	75-120			
Chloroethane	22.5	5.0	ug/l	25.0		90	60-140			
Chloroform	21.4	2.0	ug/l	25.0		86	70-130			
Chloromethane	21.9	5.0	ug/l	25.0		88	50-140			
2-Chlorotoluene	23.6	5.0	ug/l	25.0		94	70-125			
4-Chlorotoluene	23.2	5.0	ug/l	25.0		93	75-125			
1,2-Dibromo-3-chloropropane	22.6	5.0	ug/l	25.0		91	50-135			
Dibromochloromethane	21.5	2.0	ug/l	25.0		86	70-140			
1,2-Dibromoethane (EDB)	23.0	2.0	ug/l	25.0		92	75-125			
Dibromomethane	23.4	2.0	ug/l	25.0		94	70-125			
1,2-Dichlorobenzene	24.2	2.0	ug/l	25.0		97	75-120			
1,3-Dichlorobenzene	24.3	2.0	ug/l	25.0		97	75-120			
1,4-Dichlorobenzene	23.2	2.0	ug/l	25.0		93	75-120			
Dichlorodifluoromethane	18.9	5.0	ug/l	25.0		76	35-155			
1,1-Dichloroethane	24.4	2.0	ug/l	25.0		98	70-125			
1,2-Dichloroethane	21.3	2.0	ug/l	25.0		85	60-140			
1,1-Dichloroethene	24.1	5.0	ug/l	25.0		96	70-125			
cis-1,2-Dichloroethene	25.2	2.0	ug/l	25.0		101	70-125			
trans-1,2-Dichloroethene	24.0	2.0	ug/l	25.0		96	70-125			
1,2-Dichloropropane	23.5	2.0	ug/l	25.0		94	70-125			
1,3-Dichloropropane	23.8	2.0	ug/l	25.0		95	70-120			
2,2-Dichloropropane	25.1	2.0	ug/l	25.0		100	65-140			
cis-1,3-Dichloropropene	26.8	2.0	ug/l	25.0		107	75-125			
trans-1,3-Dichloropropene	21.3	2.0	ug/l	25.0		85	70-125			
1,1-Dichloropropene	23.7	2.0	ug/l	25.0		95	75-130			
Ethylbenzene	22.1	2.0	ug/l	25.0		88	75-125			

TestAmerica Irvine

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Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12032 Extracted: 10/12/09										
LCS Analyzed: 10/12/2009 (9J12032-BS1)										
Hexachlorobutadiene	23.6	5.0	ug/l	25.0		94	65-135			
Isopropylbenzene	23.6	2.0	ug/l	25.0		94	75-130			
p-Isopropyltoluene	24.3	2.0	ug/l	25.0		97	75-125			
Methylene chloride	20.8	5.0	ug/l	25.0		83	55-130			
Naphthalene	24.4	5.0	ug/l	25.0		98	55-135			
n-Propylbenzene	24.4	2.0	ug/l	25.0		98	75-130			
Styrene	22.4	2.0	ug/l	25.0		90	75-130			
1,1,1,2-Tetrachloroethane	21.1	5.0	ug/l	25.0		85	70-130			
1,1,2,2-Tetrachloroethane	25.7	2.0	ug/l	25.0		103	55-130			
Tetrachloroethene	23.0	2.0	ug/l	25.0		92	70-125			
Toluene	23.4	2.0	ug/l	25.0		94	70-120			
1,2,3-Trichlorobenzene	23.5	5.0	ug/l	25.0		94	65-125			
1,2,4-Trichlorobenzene	24.1	5.0	ug/l	25.0		96	70-135			
1,1,1-Trichloroethane	22.1	2.0	ug/l	25.0		88	65-135			
1,1,2-Trichloroethane	23.6	2.0	ug/l	25.0		94	70-125			
Trichloroethene	22.6	2.0	ug/l	25.0		90	70-125			
Trichlorofluoromethane	19.5	5.0	ug/l	25.0		78	65-145			
1,2,3-Trichloropropane	24.8	10	ug/l	25.0		99	60-130			
1,2,4-Trimethylbenzene	23.8	2.0	ug/l	25.0		95	75-125			
1,3,5-Trimethylbenzene	23.9	2.0	ug/l	25.0		96	75-125			
Vinyl chloride	21.3	5.0	ug/l	25.0		85	55-135			
m,p-Xylenes	44.8	2.0	ug/l	50.0		90	75-125			
o-Xylene	23.7	2.0	ug/l	25.0		95	75-125			
Xylenes, Total	68.5	4.0	ug/l	75.0		91	70-125			
Di-isopropyl Ether (DIPE)	24.1	5.0	ug/l	25.0		96	60-135			
Ethyl tert-Butyl Ether (ETBE)	23.7	5.0	ug/l	25.0		95	65-135			
Methyl-tert-butyl Ether (MTBE)	22.2	5.0	ug/l	25.0		89	60-135			
tert-Amyl Methyl Ether (TAME)	23.2	5.0	ug/l	25.0		93	60-135			
tert-Butanol (TBA)	114	50	ug/l	125		91	70-135			
Surrogate: 4-Bromofluorobenzene	26.2		ug/l	25.0		105	80-120			
Surrogate: Dibromofluoromethane	25.9		ug/l	25.0		103	80-120			
Surrogate: Toluene-d8	28.2		ug/l	25.0		113	80-120			

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Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Data Qualifiers
<u>Batch: 9J12032 Extracted: 10/12/09</u>										
Matrix Spike Analyzed: 10/12/2009 (9J12032-MS1)					Source: ISJ0322-07					
Benzene	29.6	2.0	ug/l	25.0	ND	118	65-125			
Bromobenzene	28.7	5.0	ug/l	25.0	ND	115	70-125			
Bromochloromethane	28.4	5.0	ug/l	25.0	ND	114	65-135			
Bromodichloromethane	29.0	2.0	ug/l	25.0	ND	116	70-135			
Bromoform	24.2	5.0	ug/l	25.0	ND	97	55-135			
Bromomethane	27.7	5.0	ug/l	25.0	ND	111	55-145			
n-Butylbenzene	29.9	5.0	ug/l	25.0	ND	120	65-135			
sec-Butylbenzene	29.1	5.0	ug/l	25.0	ND	116	70-125			
tert-Butylbenzene	27.7	5.0	ug/l	25.0	ND	111	65-130			
Carbon tetrachloride	27.0	5.0	ug/l	25.0	ND	108	65-140			
Chlorobenzene	27.2	2.0	ug/l	25.0	ND	109	75-125			
Chloroethane	26.7	5.0	ug/l	25.0	ND	107	55-140			
Chloroform	27.5	2.0	ug/l	25.0	ND	110	65-135			
Chloromethane	27.6	5.0	ug/l	25.0	ND	110	45-145			
2-Chlorotoluene	27.4	5.0	ug/l	25.0	ND	109	65-135			
4-Chlorotoluene	27.5	5.0	ug/l	25.0	ND	110	70-135			
1,2-Dibromo-3-chloropropane	28.1	5.0	ug/l	25.0	ND	112	45-145			
Dibromochloromethane	26.8	2.0	ug/l	25.0	ND	107	65-140			
1,2-Dibromoethane (EDB)	28.4	2.0	ug/l	25.0	ND	113	70-130			
Dibromomethane	28.0	2.0	ug/l	25.0	ND	112	65-135			
1,2-Dichlorobenzene	28.7	2.0	ug/l	25.0	ND	115	75-125			
1,3-Dichlorobenzene	29.0	2.0	ug/l	25.0	ND	116	75-125			
1,4-Dichlorobenzene	28.0	2.0	ug/l	25.0	ND	112	75-125			
Dichlorodifluoromethane	25.4	5.0	ug/l	25.0	ND	102	25-155			
1,1-Dichloroethane	28.4	2.0	ug/l	25.0	ND	114	65-130			
1,2-Dichloroethane	27.0	2.0	ug/l	25.0	ND	108	60-140			
1,1-Dichloroethene	27.8	5.0	ug/l	25.0	ND	111	60-130			
cis-1,2-Dichloroethene	30.8	2.0	ug/l	25.0	ND	123	65-130			
trans-1,2-Dichloroethene	27.9	2.0	ug/l	25.0	ND	112	65-130			
1,2-Dichloropropane	27.6	2.0	ug/l	25.0	ND	110	65-130			
1,3-Dichloropropane	28.4	2.0	ug/l	25.0	ND	114	65-135			
2,2-Dichloropropane	28.5	2.0	ug/l	25.0	ND	114	60-145			
cis-1,3-Dichloropropene	32.9	2.0	ug/l	25.0	ND	132	70-130			MI
trans-1,3-Dichloropropene	26.3	2.0	ug/l	25.0	ND	105	65-135			
1,1-Dichloropropene	28.5	2.0	ug/l	25.0	ND	114	70-135			
Ethylbenzene	27.5	2.0	ug/l	25.0	ND	110	65-130			

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12032 Extracted: 10/12/09										
Matrix Spike Analyzed: 10/12/2009 (9J12032-MS1)					Source: ISJ0322-07					
Hexachlorobutadiene	28.4	5.0	ug/l	25.0	ND	113	60-135			
Isopropylbenzene	27.3	2.0	ug/l	25.0	ND	109	70-135			
p-Isopropyltoluene	28.2	2.0	ug/l	25.0	ND	113	65-130			
Methylene chloride	25.2	5.0	ug/l	25.0	ND	101	50-135			
Naphthalene	28.2	5.0	ug/l	25.0	ND	113	50-140			
n-Propylbenzene	28.8	2.0	ug/l	25.0	ND	115	70-135			
Styrene	10.9	2.0	ug/l	25.0	ND	44	50-145			M2
1,1,1,2-Tetrachloroethane	27.0	5.0	ug/l	25.0	ND	108	65-140			
1,1,2,2-Tetrachloroethane	31.3	2.0	ug/l	25.0	ND	125	55-135			
Tetrachloroethene	26.9	2.0	ug/l	25.0	ND	108	65-130			
Toluene	29.4	2.0	ug/l	25.0	ND	118	70-125			
1,2,3-Trichlorobenzene	29.0	5.0	ug/l	25.0	ND	116	60-135			
1,2,4-Trichlorobenzene	28.4	5.0	ug/l	25.0	ND	114	65-135			
1,1,1-Trichloroethane	26.9	2.0	ug/l	25.0	ND	108	65-140			
1,1,2-Trichloroethane	30.9	2.0	ug/l	25.0	ND	124	65-130			
Trichloroethene	27.0	2.0	ug/l	25.0	ND	108	65-125			
Trichlorofluoromethane	25.0	5.0	ug/l	25.0	ND	100	60-145			
1,2,3-Trichloropropane	29.2	10	ug/l	25.0	ND	117	55-135			
1,2,4-Trimethylbenzene	23.1	2.0	ug/l	25.0	ND	92	55-135			
1,3,5-Trimethylbenzene	27.1	2.0	ug/l	25.0	ND	108	70-130			
Vinyl chloride	26.6	5.0	ug/l	25.0	ND	106	45-140			
m,p-Xylenes	53.1	2.0	ug/l	50.0	ND	106	65-130			
o-Xylene	29.1	2.0	ug/l	25.0	ND	116	65-125			
Xylenes, Total	82.2	4.0	ug/l	75.0	ND	110	60-130			
Di-isopropyl Ether (DIPE)	29.8	5.0	ug/l	25.0	1.73	112	60-140			
Ethyl tert-Butyl Ether (ETBE)	28.3	5.0	ug/l	25.0	2.51	103	60-135			
Methyl-tert-butyl Ether (MTBE)	26.6	5.0	ug/l	25.0	2.05	98	55-145			
tert-Amyl Methyl Ether (TAME)	28.2	5.0	ug/l	25.0	ND	113	60-140			
tert-Butanol (TBA)	133	50	ug/l	125	ND	106	65-140			
Surrogate: 4-Bromofluorobenzene	27.2		ug/l	25.0		109	80-120			
Surrogate: Dibromofluoromethane	26.2		ug/l	25.0		105	80-120			
Surrogate: Toluene-d8	27.8		ug/l	25.0		111	80-120			

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Joseph Doak
Project Manager

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ISJ0774 <Page 28 of 32>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<u>Batch: 9J12032 Extracted: 10/12/09</u>										
Matrix Spike Dup Analyzed: 10/12/2009 (9J12032-MSD1)					Source: ISJ0322-07					
Benzene	29.6	2.0	ug/l	25.0	ND	119	65-125	0	20	
Bromobenzene	28.7	5.0	ug/l	25.0	ND	115	70-125	0	20	
Bromochloromethane	29.1	5.0	ug/l	25.0	ND	116	65-135	2	25	
Bromodichloromethane	29.4	2.0	ug/l	25.0	ND	117	70-135	1	20	
Bromoform	25.2	5.0	ug/l	25.0	ND	101	55-135	4	25	
Bromomethane	29.1	5.0	ug/l	25.0	ND	116	55-145	5	25	
n-Butylbenzene	31.0	5.0	ug/l	25.0	ND	124	65-135	4	20	
sec-Butylbenzene	30.5	5.0	ug/l	25.0	ND	122	70-125	5	20	
tert-Butylbenzene	29.1	5.0	ug/l	25.0	ND	116	65-130	5	20	
Carbon tetrachloride	27.2	5.0	ug/l	25.0	ND	109	65-140	1	25	
Chlorobenzene	28.3	2.0	ug/l	25.0	ND	113	75-125	4	20	
Chloroethane	28.1	5.0	ug/l	25.0	ND	112	55-140	5	25	
Chloroform	28.0	2.0	ug/l	25.0	ND	112	65-135	2	20	
Chloromethane	30.4	5.0	ug/l	25.0	ND	122	45-145	10	25	
2-Chlorotoluene	29.0	5.0	ug/l	25.0	ND	116	65-135	6	20	
4-Chlorotoluene	29.1	5.0	ug/l	25.0	ND	116	70-135	6	20	
1,2-Dibromo-3-chloropropane	29.5	5.0	ug/l	25.0	ND	118	45-145	5	30	
Dibromochloromethane	27.7	2.0	ug/l	25.0	ND	111	65-140	3	25	
1,2-Dibromoethane (EDB)	28.3	2.0	ug/l	25.0	ND	113	70-130	0	25	
Dibromomethane	29.4	2.0	ug/l	25.0	ND	117	65-135	5	25	
1,2-Dichlorobenzene	30.5	2.0	ug/l	25.0	ND	122	75-125	6	20	
1,3-Dichlorobenzene	30.2	2.0	ug/l	25.0	ND	121	75-125	4	20	
1,4-Dichlorobenzene	29.2	2.0	ug/l	25.0	ND	117	75-125	4	20	
Dichlorodifluoromethane	28.0	5.0	ug/l	25.0	ND	112	25-155	10	30	
1,1-Dichloroethane	29.2	2.0	ug/l	25.0	ND	117	65-130	2	20	
1,2-Dichloroethane	27.5	2.0	ug/l	25.0	ND	110	60-140	2	20	
1,1-Dichloroethene	29.2	5.0	ug/l	25.0	ND	117	60-130	5	20	
cis-1,2-Dichloroethene	31.4	2.0	ug/l	25.0	ND	125	65-130	2	20	
trans-1,2-Dichloroethene	29.3	2.0	ug/l	25.0	ND	117	65-130	5	20	
1,2-Dichloropropane	29.4	2.0	ug/l	25.0	ND	117	65-130	6	20	
1,3-Dichloropropane	29.7	2.0	ug/l	25.0	ND	119	65-135	5	25	
2,2-Dichloropropane	29.1	2.0	ug/l	25.0	ND	117	60-145	2	25	
cis-1,3-Dichloropropene	33.8	2.0	ug/l	25.0	ND	135	70-130	3	20	MI
trans-1,3-Dichloropropene	26.4	2.0	ug/l	25.0	ND	105	65-135	0	25	
1,1-Dichloropropene	28.8	2.0	ug/l	25.0	ND	115	70-135	1	20	
Ethylbenzene	28.4	2.0	ug/l	25.0	ND	114	65-130	3	20	

TestAmerica Irvine

Joseph Doak
Project Manager

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2171 Campus Drive, Suite 100
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Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9J12032 Extracted: 10/12/09										
Matrix Spike Dup Analyzed: 10/12/2009 (9J12032-MSD1)					Source: ISJ0322-07					
Hexachlorobutadiene	28.4	5.0	ug/l	25.0	ND	114	60-135	0	20	
Isopropylbenzene	29.3	2.0	ug/l	25.0	ND	117	70-135	7	20	
p-Isopropyltoluene	29.8	2.0	ug/l	25.0	ND	119	65-130	5	20	
Methylene chloride	25.4	5.0	ug/l	25.0	ND	102	50-135	1	20	
Naphthalene	29.9	5.0	ug/l	25.0	ND	120	50-140	6	30	
n-Propylbenzene	30.2	2.0	ug/l	25.0	ND	121	70-135	5	20	
Styrene	13.3	2.0	ug/l	25.0	ND	53	50-145	20	30	
1,1,1,2-Tetrachloroethane	28.0	5.0	ug/l	25.0	ND	112	65-140	4	20	
1,1,2,2-Tetrachloroethane	32.8	2.0	ug/l	25.0	ND	131	55-135	5	30	
Tetrachloroethene	27.7	2.0	ug/l	25.0	ND	111	65-130	3	20	
Toluene	30.4	2.0	ug/l	25.0	ND	122	70-125	3	20	
1,2,3-Trichlorobenzene	30.4	5.0	ug/l	25.0	ND	122	60-135	5	20	
1,2,4-Trichlorobenzene	29.4	5.0	ug/l	25.0	ND	118	65-135	4	20	
1,1,1-Trichloroethane	28.1	2.0	ug/l	25.0	ND	113	65-140	4	20	
1,1,2-Trichloroethane	30.6	2.0	ug/l	25.0	ND	123	65-130	1	25	
Trichloroethene	29.0	2.0	ug/l	25.0	ND	116	65-125	7	20	
Trichlorofluoromethane	25.6	5.0	ug/l	25.0	ND	102	60-145	2	25	
1,2,3-Trichloropropane	30.4	10	ug/l	25.0	ND	121	55-135	4	30	
1,2,4-Trimethylbenzene	25.7	2.0	ug/l	25.0	ND	103	55-135	11	25	
1,3,5-Trimethylbenzene	28.6	2.0	ug/l	25.0	ND	114	70-130	5	20	
Vinyl chloride	28.4	5.0	ug/l	25.0	ND	114	45-140	7	30	
m,p-Xylenes	56.2	2.0	ug/l	50.0	ND	112	65-130	6	25	
o-Xylene	30.4	2.0	ug/l	25.0	ND	121	65-125	4	20	
Xylenes, Total	86.6	4.0	ug/l	75.0	ND	115	60-130	5	20	
Di-isopropyl Ether (DIPE)	30.6	5.0	ug/l	25.0	1.73	115	60-140	3	25	
Ethyl tert-Butyl Ether (ETBE)	28.7	5.0	ug/l	25.0	2.51	105	60-135	1	25	
Methyl-tert-butyl Ether (MTBE)	26.8	5.0	ug/l	25.0	2.05	99	55-145	1	25	
tert-Amyl Methyl Ether (TAME)	28.4	5.0	ug/l	25.0	ND	114	60-140	1	30	
tert-Butanol (TBA)	138	50	ug/l	125	ND	111	65-140	4	25	
Surrogate: 4-Bromofluorobenzene	27.2		ug/l	25.0		109	80-120			
Surrogate: Dibromofluoromethane	26.4		ug/l	25.0		106	80-120			
Surrogate: Toluene-d8	28.0		ug/l	25.0		112	80-120			

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

DATA QUALIFIERS AND DEFINITIONS

J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
RL4	Reporting limit raised due to insufficient sample volume.
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD.
The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For GRO (C4-C12):

GRO (C4-C12) is quantitated against a gasoline standard. Quantitation begins immediately following the methanol peak.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

TestAmerica Irvine

Joseph Doak
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.1
Report Number: ISJ0774

Sampled: 10/08/09
Received: 10/08/09

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelap	California
EPA 8015B MOD	Water	X	X
EPA 8015B	Water	X	X
EPA 8260B	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Joseph Doak
Project Manager

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ISJ0774 <Page 32 of 32>

CHAIN OF CUSTODY FORM

THE LEADER IN ENVIRONMENTAL TESTING

TAL-0013(1007)

Client Name/Address:

Project / PO Number:

MACTEC
2471 BAA PWS DR Suite 1000
IRVINE CA 92612

2100H
41981-10.1

Project Manager:

Phone Number: 949 224 0050
Fax Number:

Sampler:

ED ARNITZ

[illegible]

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

77

LABORATORY REPORT

Prepared For: MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project: Ricoh - Santa Ana
41981-10.3

Sampled: 11/09/09
Received: 11/09/09
Issued: 11/19/09 16:46

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Results that fall between the MDL and RL are 'J' flagged.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID

ISK0951-01
ISK0951-02
ISK0951-03
ISK0951-04
ISK0951-05

CLIENT ID

EW-1-1109
JD-1-1109
JD-2-1109
QCEB-1-1109
QCTB-1-1109

MATRIX

Water
Water
Water
Water
Water

Reviewed By:



TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-01 (EW-1-1109 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B MOD	9K11077	30	50	ND	1	11/11/09	11/11/09	
C4-C5	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C6	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C7	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C8	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C9	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C10	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C11	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C12	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
Surrogate: 4-BFB (FID) (65-140%)					79 %				
Sample ID: ISK0951-02 (JD-1-1109 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B MOD	9K11077	30	50	84	1	11/11/09	11/11/09	
C4-C5	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C6	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C7	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C8	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C9	EPA 8015B MOD	9K11077	22	22	38	1	11/11/09	11/11/09	
C10	EPA 8015B MOD	9K11077	22	22	32	1	11/11/09	11/11/09	
C11	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C12	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
Surrogate: 4-BFB (FID) (65-140%)					85 %				
Sample ID: ISK0951-03 (JD-2-1109 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B MOD	9K11077	30	50	80	1	11/11/09	11/11/09	
C4-C5	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C6	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C7	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C8	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C9	EPA 8015B MOD	9K11077	22	22	35	1	11/11/09	11/11/09	
C10	EPA 8015B MOD	9K11077	22	22	30	1	11/11/09	11/11/09	
C11	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
C12	EPA 8015B MOD	9K11077	22	22	ND	1	11/11/09	11/11/09	
Surrogate: 4-BFB (FID) (65-140%)					88 %				

TestAmerica Irvine

Joseph Doak
Project Manager

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ISK0951 <Page 2 of 26>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

EXTRACTABLE FUEL HYDROCARBONS (EPA 3510C/EPA 8015B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-01 (EW-1-1109 - Water)									RL4
Reporting Units: mg/l									
EFH (C13 - C22)	EPA 8015B	9K10092	0.10	0.52	0.34	1.03	11/10/09	11/11/09	J
EFH (C23 - C32)	EPA 8015B	9K10092	0.10	0.52	ND	1.03	11/10/09	11/11/09	
EFH (C33 - C40)	EPA 8015B	9K10092	0.10	0.52	ND	1.03	11/10/09	11/11/09	
EFH (C10 - C28)	EPA 8015B	9K10092	0.10	0.52	0.38	1.03	11/10/09	11/11/09	J
Surrogate: n-Octacosane (45-120%)					78 %				
Sample ID: ISK0951-02 (JD-1-1109 - Water)									RL4
Reporting Units: mg/l									
EFH (C13 - C22)	EPA 8015B	9K10092	0.10	0.51	ND	1.02	11/10/09	11/10/09	
EFH (C23 - C32)	EPA 8015B	9K10092	0.10	0.51	ND	1.02	11/10/09	11/10/09	
EFH (C33 - C40)	EPA 8015B	9K10092	0.10	0.51	ND	1.02	11/10/09	11/10/09	
EFH (C10 - C28)	EPA 8015B	9K10092	0.10	0.51	ND	1.02	11/10/09	11/10/09	
Surrogate: n-Octacosane (45-120%)					89 %				
Sample ID: ISK0951-03 (JD-2-1109 - Water)									RL4
Reporting Units: mg/l									
EFH (C13 - C22)	EPA 8015B	9K10092	0.11	0.53	ND	1.06	11/10/09	11/10/09	
EFH (C23 - C32)	EPA 8015B	9K10092	0.11	0.53	ND	1.06	11/10/09	11/10/09	
EFH (C33 - C40)	EPA 8015B	9K10092	0.11	0.53	ND	1.06	11/10/09	11/10/09	
EFH (C10 - C28)	EPA 8015B	9K10092	0.11	0.53	ND	1.06	11/10/09	11/10/09	
Surrogate: n-Octacosane (45-120%)					78 %				

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-01 (EW-1-1109 - Water)									
Reporting Units: ug/l									
Acetone	EPA 8260B	9K13034	4.5	10	ND	1	11/13/09	11/14/09	
Benzene	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
Bromobenzene	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
Bromochloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Bromodichloromethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Bromoform	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Bromomethane	EPA 8260B	9K13034	0.42	1.0	ND	1	11/13/09	11/14/09	
2-Butanone (MEK)	EPA 8260B	9K13034	4.7	10	ND	1	11/13/09	11/14/09	
n-Butylbenzene	EPA 8260B	9K13034	0.37	1.0	ND	1	11/13/09	11/14/09	
sec-Butylbenzene	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	
tert-Butylbenzene	EPA 8260B	9K13034	0.22	1.0	ND	1	11/13/09	11/14/09	
Carbon tetrachloride	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
Chlorobenzene	EPA 8260B	9K13034	0.36	1.0	ND	1	11/13/09	11/14/09	
Chloroethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Chloroform	EPA 8260B	9K13034	0.33	1.0	ND	1	11/13/09	11/14/09	
Chloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
2-Chlorotoluene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
4-Chlorotoluene	EPA 8260B	9K13034	0.29	1.0	ND	1	11/13/09	11/14/09	
1,2-Dibromo-3-chloropropane	EPA 8260B	9K13034	0.97	5.0	ND	1	11/13/09	11/14/09	
Dibromochloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2-Dibromoethane (EDB)	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Dibromomethane	EPA 8260B	9K13034	0.36	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichlorobenzene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
1,3-Dichlorobenzene	EPA 8260B	9K13034	0.35	1.0	ND	1	11/13/09	11/14/09	
1,4-Dichlorobenzene	EPA 8260B	9K13034	0.37	1.0	ND	1	11/13/09	11/14/09	
Dichlorodifluoromethane	EPA 8260B	9K13034	0.26	2.0	ND	1	11/13/09	11/14/09	
1,1-Dichloroethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichloroethane	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
1,1-Dichloroethene	EPA 8260B	9K13034	0.42	1.0	ND	1	11/13/09	11/14/09	
cis-1,2-Dichloroethene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
trans-1,2-Dichloroethene	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichloropropane	EPA 8260B	9K13034	0.35	1.0	ND	1	11/13/09	11/14/09	
1,3-Dichloropropane	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
2,2-Dichloropropane	EPA 8260B	9K13034	0.34	1.0	ND	1	11/13/09	11/14/09	
cis-1,3-Dichloropropene	EPA 8260B	9K13034	0.22	0.50	ND	1	11/13/09	11/14/09	
trans-1,3-Dichloropropene	EPA 8260B	9K13034	0.32	0.50	ND	1	11/13/09	11/14/09	
1,1-Dichloropropene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
Ethylbenzene	EPA 8260B	9K13034	0.25	0.50	ND	1	11/13/09	11/14/09	
Hexachlorobutadiene	EPA 8260B	9K13034	0.38	1.0	ND	1	11/13/09	11/14/09	
2-Hexanone	EPA 8260B	9K13034	2.6	10	ND	1	11/13/09	11/14/09	
Isopropylbenzene	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-01 (EW-1-1109 - Water) - cont.									
Reporting Units: ug/l									
p-Isopropyltoluene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	9K13034	3.5	10	ND	1	11/13/09	11/14/09	
Methylene chloride	EPA 8260B	9K13034	0.95	5.0	ND	1	11/13/09	11/14/09	
Naphthalene	EPA 8260B	9K13034	0.41	1.0	ND	1	11/13/09	11/14/09	
n-Propylbenzene	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
Styrene	EPA 8260B	9K13034	0.20	1.0	ND	1	11/13/09	11/14/09	
1,1,1,2-Tetrachloroethane	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
1,1,2,2-Tetrachloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Tetrachloroethene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
Toluene	EPA 8260B	9K13034	0.36	0.50	ND	1	11/13/09	11/14/09	
1,2,3-Trichlorobenzene	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,2,4-Trichlorobenzene	EPA 8260B	9K13034	0.48	1.0	ND	1	11/13/09	11/14/09	
1,1,1-Trichloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,1,2-Trichloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Trichloroethene	EPA 8260B	9K13034	0.26	1.0	ND	1	11/13/09	11/14/09	
Trichlorofluoromethane	EPA 8260B	9K13034	0.34	1.0	ND	1	11/13/09	11/14/09	
1,2,3-Trichloropropane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2,4-Trimethylbenzene	EPA 8260B	9K13034	0.23	1.0	ND	1	11/13/09	11/14/09	
1,3,5-Trimethylbenzene	EPA 8260B	9K13034	0.26	1.0	ND	1	11/13/09	11/14/09	
Vinyl chloride	EPA 8260B	9K13034	0.40	0.50	ND	1	11/13/09	11/14/09	
m,p-Xylenes	EPA 8260B	9K13034	0.60	1.0	ND	1	11/13/09	11/14/09	
o-Xylene	EPA 8260B	9K13034	0.30	0.50	ND	1	11/13/09	11/14/09	
Xylenes, Total	EPA 8260B	9K13034	0.90	1.5	ND	1	11/13/09	11/14/09	
Di-isopropyl Ether (DIPE)	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	9K13034	0.33	1.0	ND	1	11/13/09	11/14/09	
tert-Butanol (TBA)	EPA 8260B	9K13034	6.5	10	ND	1	11/13/09	11/14/09	
Surrogate: 4-Bromofluorobenzene (80-120%)					94 %				
Surrogate: Dibromofluoromethane (80-120%)					91 %				
Surrogate: Toluene-d8 (80-120%)					102 %				

TestAmerica Irvine

Joseph Doak
Project Manager

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ISK0951 <Page 5 of 26>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-02 (JD-1-1109 - Water)									
Reporting Units: ug/l									
Acetone	EPA 8260B	9K13034	4.5	10	6.5	1	11/13/09	11/14/09	J
Benzene	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
Bromobenzene	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
Bromochloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Bromodichloromethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Bromoform	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Bromomethane	EPA 8260B	9K13034	0.42	1.0	ND	1	11/13/09	11/14/09	
2-Butanone (MEK)	EPA 8260B	9K13034	4.7	10	ND	1	11/13/09	11/14/09	
n-Butylbenzene	EPA 8260B	9K13034	0.37	1.0	ND	1	11/13/09	11/14/09	
sec-Butylbenzene	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	
tert-Butylbenzene	EPA 8260B	9K13034	0.22	1.0	ND	1	11/13/09	11/14/09	
Carbon tetrachloride	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
Chlorobenzene	EPA 8260B	9K13034	0.36	1.0	ND	1	11/13/09	11/14/09	
Chloroethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Chloroform	EPA 8260B	9K13034	0.33	1.0	ND	1	11/13/09	11/14/09	
Chloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
2-Chlorotoluene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
4-Chlorotoluene	EPA 8260B	9K13034	0.29	1.0	ND	1	11/13/09	11/14/09	
1,2-Dibromo-3-chloropropane	EPA 8260B	9K13034	0.97	5.0	ND	1	11/13/09	11/14/09	
Dibromochloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2-Dibromoethane (EDB)	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Dibromomethane	EPA 8260B	9K13034	0.36	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichlorobenzene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
1,3-Dichlorobenzene	EPA 8260B	9K13034	0.35	1.0	ND	1	11/13/09	11/14/09	
1,4-Dichlorobenzene	EPA 8260B	9K13034	0.37	1.0	ND	1	11/13/09	11/14/09	
Dichlorodifluoromethane	EPA 8260B	9K13034	0.26	2.0	ND	1	11/13/09	11/14/09	
1,1-Dichloroethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichloroethane	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
1,1-Dichloroethene	EPA 8260B	9K13034	0.42	1.0	ND	1	11/13/09	11/14/09	
cis-1,2-Dichloroethene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
trans-1,2-Dichloroethene	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichloropropane	EPA 8260B	9K13034	0.35	1.0	ND	1	11/13/09	11/14/09	
1,3-Dichloropropane	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
2,2-Dichloropropane	EPA 8260B	9K13034	0.34	1.0	ND	1	11/13/09	11/14/09	
cis-1,3-Dichloropropene	EPA 8260B	9K13034	0.22	0.50	ND	1	11/13/09	11/14/09	
trans-1,3-Dichloropropene	EPA 8260B	9K13034	0.32	0.50	ND	1	11/13/09	11/14/09	
1,1-Dichloropropene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
Ethylbenzene	EPA 8260B	9K13034	0.25	0.50	ND	1	11/13/09	11/14/09	
Hexachlorobutadiene	EPA 8260B	9K13034	0.38	1.0	ND	1	11/13/09	11/14/09	
2-Hexanone	EPA 8260B	9K13034	2.6	10	ND	1	11/13/09	11/14/09	
Isopropylbenzene	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-02 (JD-1-1109 - Water) - cont.									
Reporting Units: ug/l									
p-Isopropyltoluene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	9K13034	3.5	10	ND	1	11/13/09	11/14/09	
Methylene chloride	EPA 8260B	9K13034	0.95	5.0	ND	1	11/13/09	11/14/09	
Naphthalene	EPA 8260B	9K13034	0.41	1.0	ND	1	11/13/09	11/14/09	
n-Propylbenzene	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
Styrene	EPA 8260B	9K13034	0.20	1.0	ND	1	11/13/09	11/14/09	
1,1,1,2-Tetrachloroethane	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
1,1,2,2-Tetrachloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Tetrachloroethene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
Toluene	EPA 8260B	9K13034	0.36	0.50	ND	1	11/13/09	11/14/09	
1,2,3-Trichlorobenzene	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,2,4-Trichlorobenzene	EPA 8260B	9K13034	0.48	1.0	ND	1	11/13/09	11/14/09	
1,1,1-Trichloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,1,2-Trichloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Trichloroethene	EPA 8260B	9K13034	0.26	1.0	ND	1	11/13/09	11/14/09	
Trichlorofluoromethane	EPA 8260B	9K13034	0.34	1.0	ND	1	11/13/09	11/14/09	
1,2,3-Trichloropropane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2,4-Trimethylbenzene	EPA 8260B	9K13034	0.23	1.0	ND	1	11/13/09	11/14/09	
1,3,5-Trimethylbenzene	EPA 8260B	9K13034	0.26	1.0	ND	1	11/13/09	11/14/09	
Vinyl chloride	EPA 8260B	9K13034	0.40	0.50	ND	1	11/13/09	11/14/09	
m,p-Xylenes	EPA 8260B	9K13034	0.60	1.0	ND	1	11/13/09	11/14/09	
o-Xylene	EPA 8260B	9K13034	0.30	0.50	ND	1	11/13/09	11/14/09	
Xylenes, Total	EPA 8260B	9K13034	0.90	1.5	ND	1	11/13/09	11/14/09	
Di-isopropyl Ether (DIPE)	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	9K13034	0.33	1.0	ND	1	11/13/09	11/14/09	
tert-Butanol (TBA)	EPA 8260B	9K13034	6.5	10	7.9	1	11/13/09	11/14/09	J
Surrogate: 4-Bromofluorobenzene (80-120%)					95 %				
Surrogate: Dibromofluoromethane (80-120%)					93 %				
Surrogate: Toluene-d8 (80-120%)					104 %				

TestAmerica Irvine

Joseph Doak
Project Manager

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ISK0951 <Page 7 of 26>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-03 (JD-2-1109 - Water)									
Reporting Units: ug/l									
Acetone	EPA 8260B	9K13034	4.5	10	ND	1	11/13/09	11/14/09	
Benzene	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
Bromobenzene	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
Bromochloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Bromodichloromethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Bromoform	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Bromomethane	EPA 8260B	9K13034	0.42	1.0	ND	1	11/13/09	11/14/09	
2-Butanone (MEK)	EPA 8260B	9K13034	4.7	10	ND	1	11/13/09	11/14/09	
n-Butylbenzene	EPA 8260B	9K13034	0.37	1.0	ND	1	11/13/09	11/14/09	
sec-Butylbenzene	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	
tert-Butylbenzene	EPA 8260B	9K13034	0.22	1.0	ND	1	11/13/09	11/14/09	
Carbon tetrachloride	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
Chlorobenzene	EPA 8260B	9K13034	0.36	1.0	ND	1	11/13/09	11/14/09	
Chloroethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Chloroform	EPA 8260B	9K13034	0.33	1.0	ND	1	11/13/09	11/14/09	
Chloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
2-Chlorotoluene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
4-Chlorotoluene	EPA 8260B	9K13034	0.29	1.0	ND	1	11/13/09	11/14/09	
1,2-Dibromo-3-chloropropane	EPA 8260B	9K13034	0.97	5.0	ND	1	11/13/09	11/14/09	
Dibromochloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2-Dibromoethane (EDB)	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Dibromomethane	EPA 8260B	9K13034	0.36	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichlorobenzene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
1,3-Dichlorobenzene	EPA 8260B	9K13034	0.35	1.0	ND	1	11/13/09	11/14/09	
1,4-Dichlorobenzene	EPA 8260B	9K13034	0.37	1.0	ND	1	11/13/09	11/14/09	
Dichlorodifluoromethane	EPA 8260B	9K13034	0.26	2.0	ND	1	11/13/09	11/14/09	
1,1-Dichloroethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichloroethane	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
1,1-Dichloroethene	EPA 8260B	9K13034	0.42	1.0	ND	1	11/13/09	11/14/09	
cis-1,2-Dichloroethene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
trans-1,2-Dichloroethene	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichloropropane	EPA 8260B	9K13034	0.35	1.0	ND	1	11/13/09	11/14/09	
1,3-Dichloropropane	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
2,2-Dichloropropane	EPA 8260B	9K13034	0.34	1.0	ND	1	11/13/09	11/14/09	
cis-1,3-Dichloropropene	EPA 8260B	9K13034	0.22	0.50	ND	1	11/13/09	11/14/09	
trans-1,3-Dichloropropene	EPA 8260B	9K13034	0.32	0.50	ND	1	11/13/09	11/14/09	
1,1-Dichloropropene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
Ethylbenzene	EPA 8260B	9K13034	0.25	0.50	ND	1	11/13/09	11/14/09	
Hexachlorobutadiene	EPA 8260B	9K13034	0.38	1.0	ND	1	11/13/09	11/14/09	
2-Hexanone	EPA 8260B	9K13034	2.6	10	ND	1	11/13/09	11/14/09	
Isopropylbenzene	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-03 (JD-2-1109 - Water) - cont.									
Reporting Units: ug/l									
p-Isopropyltoluene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	9K13034	3.5	10	ND	1	11/13/09	11/14/09	
Methylene chloride	EPA 8260B	9K13034	0.95	5.0	ND	1	11/13/09	11/14/09	
Naphthalene	EPA 8260B	9K13034	0.41	1.0	ND	1	11/13/09	11/14/09	
n-Propylbenzene	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
Styrene	EPA 8260B	9K13034	0.20	1.0	ND	1	11/13/09	11/14/09	
1,1,1,2-Tetrachloroethane	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
1,1,2,2-Tetrachloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Tetrachloroethene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
Toluene	EPA 8260B	9K13034	0.36	0.50	ND	1	11/13/09	11/14/09	
1,2,3-Trichlorobenzene	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,2,4-Trichlorobenzene	EPA 8260B	9K13034	0.48	1.0	ND	1	11/13/09	11/14/09	
1,1,1-Trichloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,1,2-Trichloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Trichloroethene	EPA 8260B	9K13034	0.26	1.0	ND	1	11/13/09	11/14/09	
Trichlorofluoromethane	EPA 8260B	9K13034	0.34	1.0	ND	1	11/13/09	11/14/09	
1,2,3-Trichloropropane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2,4-Trimethylbenzene	EPA 8260B	9K13034	0.23	1.0	ND	1	11/13/09	11/14/09	
1,3,5-Trimethylbenzene	EPA 8260B	9K13034	0.26	1.0	ND	1	11/13/09	11/14/09	
Vinyl chloride	EPA 8260B	9K13034	0.40	0.50	ND	1	11/13/09	11/14/09	
m,p-Xylenes	EPA 8260B	9K13034	0.60	1.0	ND	1	11/13/09	11/14/09	
o-Xylene	EPA 8260B	9K13034	0.30	0.50	ND	1	11/13/09	11/14/09	
Xylenes, Total	EPA 8260B	9K13034	0.90	1.5	ND	1	11/13/09	11/14/09	
Di-isopropyl Ether (DIPE)	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	9K13034	0.33	1.0	ND	1	11/13/09	11/14/09	
tert-Butanol (TBA)	EPA 8260B	9K13034	6.5	10	ND	1	11/13/09	11/14/09	
Surrogate: 4-Bromofluorobenzene (80-120%)					95 %				
Surrogate: Dibromofluoromethane (80-120%)					94 %				
Surrogate: Toluene-d8 (80-120%)					104 %				

TestAmerica Irvine

Joseph Doak
Project Manager

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ISK0951 <Page 9 of 26>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-04 (QCEB-1-1109 - Water)									
Reporting Units: ug/l									
Acetone	EPA 8260B	9K13034	4.5	10	ND	1	11/13/09	11/14/09	M1
Benzene	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
Bromobenzene	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
Bromochloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Bromodichloromethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Bromoform	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Bromomethane	EPA 8260B	9K13034	0.42	1.0	ND	1	11/13/09	11/14/09	
2-Butanone (MEK)	EPA 8260B	9K13034	4.7	10	ND	1	11/13/09	11/14/09	
n-Butylbenzene	EPA 8260B	9K13034	0.37	1.0	ND	1	11/13/09	11/14/09	
sec-Butylbenzene	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	
tert-Butylbenzene	EPA 8260B	9K13034	0.22	1.0	ND	1	11/13/09	11/14/09	
Carbon tetrachloride	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
Chlorobenzene	EPA 8260B	9K13034	0.36	1.0	ND	1	11/13/09	11/14/09	
Chloroethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Chloroform	EPA 8260B	9K13034	0.33	1.0	ND	1	11/13/09	11/14/09	
Chloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
2-Chlorotoluene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
4-Chlorotoluene	EPA 8260B	9K13034	0.29	1.0	ND	1	11/13/09	11/14/09	
1,2-Dibromo-3-chloropropane	EPA 8260B	9K13034	0.97	5.0	ND	1	11/13/09	11/14/09	
Dibromochloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2-Dibromoethane (EDB)	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
Dibromomethane	EPA 8260B	9K13034	0.36	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichlorobenzene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
1,3-Dichlorobenzene	EPA 8260B	9K13034	0.35	1.0	ND	1	11/13/09	11/14/09	
1,4-Dichlorobenzene	EPA 8260B	9K13034	0.37	1.0	ND	1	11/13/09	11/14/09	
Dichlorodifluoromethane	EPA 8260B	9K13034	0.26	2.0	ND	1	11/13/09	11/14/09	
1,1-Dichloroethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichloroethane	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/14/09	
1,1-Dichloroethene	EPA 8260B	9K13034	0.42	1.0	ND	1	11/13/09	11/14/09	
cis-1,2-Dichloroethene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
trans-1,2-Dichloroethene	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,2-Dichloropropane	EPA 8260B	9K13034	0.35	1.0	ND	1	11/13/09	11/14/09	
1,3-Dichloropropane	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
2,2-Dichloropropane	EPA 8260B	9K13034	0.34	1.0	ND	1	11/13/09	11/14/09	
cis-1,3-Dichloropropene	EPA 8260B	9K13034	0.22	0.50	ND	1	11/13/09	11/14/09	
trans-1,3-Dichloropropene	EPA 8260B	9K13034	0.32	0.50	ND	1	11/13/09	11/14/09	
1,1-Dichloropropene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
Ethylbenzene	EPA 8260B	9K13034	0.25	0.50	ND	1	11/13/09	11/14/09	
Hexachlorobutadiene	EPA 8260B	9K13034	0.38	1.0	ND	1	11/13/09	11/14/09	
2-Hexanone	EPA 8260B	9K13034	2.6	10	ND	1	11/13/09	11/14/09	
Isopropylbenzene	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-04 (QCEB-1-1109 - Water) - cont.									
Reporting Units: ug/l									
p-Isopropyltoluene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	9K13034	3.5	10	ND	1	11/13/09	11/14/09	
Methylene chloride	EPA 8260B	9K13034	0.95	5.0	ND	1	11/13/09	11/14/09	
Naphthalene	EPA 8260B	9K13034	0.41	1.0	ND	1	11/13/09	11/14/09	
n-Propylbenzene	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
Styrene	EPA 8260B	9K13034	0.20	1.0	ND	1	11/13/09	11/14/09	
1,1,1,2-Tetrachloroethane	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/14/09	
1,1,2,2-Tetrachloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Tetrachloroethene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
Toluene	EPA 8260B	9K13034	0.36	0.50	ND	1	11/13/09	11/14/09	
1,2,3-Trichlorobenzene	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,2,4-Trichlorobenzene	EPA 8260B	9K13034	0.48	1.0	ND	1	11/13/09	11/14/09	
1,1,1-Trichloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
1,1,2-Trichloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/14/09	
Trichloroethene	EPA 8260B	9K13034	0.26	1.0	ND	1	11/13/09	11/14/09	
Trichlorofluoromethane	EPA 8260B	9K13034	0.34	1.0	ND	1	11/13/09	11/14/09	
1,2,3-Trichloropropane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/14/09	
1,2,4-Trimethylbenzene	EPA 8260B	9K13034	0.23	1.0	ND	1	11/13/09	11/14/09	
1,3,5-Trimethylbenzene	EPA 8260B	9K13034	0.26	1.0	ND	1	11/13/09	11/14/09	
Vinyl chloride	EPA 8260B	9K13034	0.40	0.50	ND	1	11/13/09	11/14/09	
m,p-Xylenes	EPA 8260B	9K13034	0.60	1.0	ND	1	11/13/09	11/14/09	
o-Xylene	EPA 8260B	9K13034	0.30	0.50	ND	1	11/13/09	11/14/09	
Xylenes, Total	EPA 8260B	9K13034	0.90	1.5	ND	1	11/13/09	11/14/09	
Di-isopropyl Ether (DIPE)	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/14/09	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/14/09	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/14/09	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	9K13034	0.33	1.0	ND	1	11/13/09	11/14/09	
tert-Butanol (TBA)	EPA 8260B	9K13034	6.5	10	ND	1	11/13/09	11/14/09	
Surrogate: 4-Bromofluorobenzene (80-120%)					96 %				
Surrogate: Dibromofluoromethane (80-120%)					93 %				
Surrogate: Toluene-d8 (80-120%)					104 %				

TestAmerica Irvine

Joseph Doak
Project Manager

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ISK0951 <Page 11 of 26>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-05 (QCTB-1-1109 - Water)									
Reporting Units: ug/l									
Acetone	EPA 8260B	9K13034	4.5	10	ND	1	11/13/09	11/13/09	
Benzene	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/13/09	
Bromobenzene	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/13/09	
Bromochloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/13/09	
Bromodichloromethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/13/09	
Bromoform	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/13/09	
Bromomethane	EPA 8260B	9K13034	0.42	1.0	ND	1	11/13/09	11/13/09	
2-Butanone (MEK)	EPA 8260B	9K13034	4.7	10	ND	1	11/13/09	11/13/09	
n-Butylbenzene	EPA 8260B	9K13034	0.37	1.0	ND	1	11/13/09	11/13/09	
sec-Butylbenzene	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/13/09	
tert-Butylbenzene	EPA 8260B	9K13034	0.22	1.0	ND	1	11/13/09	11/13/09	
Carbon tetrachloride	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/13/09	
Chlorobenzene	EPA 8260B	9K13034	0.36	1.0	ND	1	11/13/09	11/13/09	
Chloroethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/13/09	
Chloroform	EPA 8260B	9K13034	0.33	1.0	ND	1	11/13/09	11/13/09	
Chloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/13/09	
2-Chlorotoluene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/13/09	
4-Chlorotoluene	EPA 8260B	9K13034	0.29	1.0	ND	1	11/13/09	11/13/09	
1,2-Dibromo-3-chloropropane	EPA 8260B	9K13034	0.97	5.0	ND	1	11/13/09	11/13/09	
Dibromochloromethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/13/09	
1,2-Dibromoethane (EDB)	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/13/09	
Dibromomethane	EPA 8260B	9K13034	0.36	1.0	ND	1	11/13/09	11/13/09	
1,2-Dichlorobenzene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/13/09	
1,3-Dichlorobenzene	EPA 8260B	9K13034	0.35	1.0	ND	1	11/13/09	11/13/09	
1,4-Dichlorobenzene	EPA 8260B	9K13034	0.37	1.0	ND	1	11/13/09	11/13/09	
Dichlorodifluoromethane	EPA 8260B	9K13034	0.26	2.0	ND	1	11/13/09	11/13/09	
1,1-Dichloroethane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/13/09	
1,2-Dichloroethane	EPA 8260B	9K13034	0.28	0.50	ND	1	11/13/09	11/13/09	
1,1-Dichloroethene	EPA 8260B	9K13034	0.42	1.0	ND	1	11/13/09	11/13/09	
cis-1,2-Dichloroethene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/13/09	
trans-1,2-Dichloroethene	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/13/09	
1,2-Dichloropropane	EPA 8260B	9K13034	0.35	1.0	ND	1	11/13/09	11/13/09	
1,3-Dichloropropane	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/13/09	
2,2-Dichloropropane	EPA 8260B	9K13034	0.34	1.0	ND	1	11/13/09	11/13/09	
cis-1,3-Dichloropropene	EPA 8260B	9K13034	0.22	0.50	ND	1	11/13/09	11/13/09	
trans-1,3-Dichloropropene	EPA 8260B	9K13034	0.32	0.50	ND	1	11/13/09	11/13/09	
1,1-Dichloropropene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/13/09	
Ethylbenzene	EPA 8260B	9K13034	0.25	0.50	ND	1	11/13/09	11/13/09	
Hexachlorobutadiene	EPA 8260B	9K13034	0.38	1.0	ND	1	11/13/09	11/13/09	
2-Hexanone	EPA 8260B	9K13034	2.6	10	ND	1	11/13/09	11/13/09	
Isopropylbenzene	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/13/09	

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Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISK0951-05 (QCTB-1-1109 - Water) - cont.									
Reporting Units: ug/l									
p-Isopropyltoluene	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/13/09	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	9K13034	3.5	10	ND	1	11/13/09	11/13/09	
Methylene chloride	EPA 8260B	9K13034	0.95	5.0	ND	1	11/13/09	11/13/09	
Naphthalene	EPA 8260B	9K13034	0.41	1.0	ND	1	11/13/09	11/13/09	
n-Propylbenzene	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/13/09	
Styrene	EPA 8260B	9K13034	0.20	1.0	ND	1	11/13/09	11/13/09	
1,1,1,2-Tetrachloroethane	EPA 8260B	9K13034	0.27	1.0	ND	1	11/13/09	11/13/09	
1,1,2,2-Tetrachloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/13/09	
Tetrachloroethene	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/13/09	
Toluene	EPA 8260B	9K13034	0.36	0.50	ND	1	11/13/09	11/13/09	
1,2,3-Trichlorobenzene	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/13/09	
1,2,4-Trichlorobenzene	EPA 8260B	9K13034	0.48	1.0	ND	1	11/13/09	11/13/09	
1,1,1-Trichloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/13/09	
1,1,2-Trichloroethane	EPA 8260B	9K13034	0.30	1.0	ND	1	11/13/09	11/13/09	
Trichloroethene	EPA 8260B	9K13034	0.26	1.0	ND	1	11/13/09	11/13/09	
Trichlorofluoromethane	EPA 8260B	9K13034	0.34	1.0	ND	1	11/13/09	11/13/09	
1,2,3-Trichloropropane	EPA 8260B	9K13034	0.40	1.0	ND	1	11/13/09	11/13/09	
1,2,4-Trimethylbenzene	EPA 8260B	9K13034	0.23	1.0	ND	1	11/13/09	11/13/09	
1,3,5-Trimethylbenzene	EPA 8260B	9K13034	0.26	1.0	ND	1	11/13/09	11/13/09	
Vinyl chloride	EPA 8260B	9K13034	0.40	0.50	ND	1	11/13/09	11/13/09	
m,p-Xylenes	EPA 8260B	9K13034	0.60	1.0	ND	1	11/13/09	11/13/09	
o-Xylene	EPA 8260B	9K13034	0.30	0.50	ND	1	11/13/09	11/13/09	
Xylenes, Total	EPA 8260B	9K13034	0.90	1.5	ND	1	11/13/09	11/13/09	
Di-isopropyl Ether (DIPE)	EPA 8260B	9K13034	0.25	1.0	ND	1	11/13/09	11/13/09	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	9K13034	0.28	1.0	ND	1	11/13/09	11/13/09	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	9K13034	0.32	1.0	ND	1	11/13/09	11/13/09	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	9K13034	0.33	1.0	ND	1	11/13/09	11/13/09	
tert-Butanol (TBA)	EPA 8260B	9K13034	6.5	10	ND	1	11/13/09	11/13/09	
Surrogate: 4-Bromofluorobenzene (80-120%)					95 %				
Surrogate: Dibromofluoromethane (80-120%)					92 %				
Surrogate: Toluene-d8 (80-120%)					105 %				

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ISK0951 <Page 13 of 26>

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Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

METHOD BLANK/QC DATA

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9K11077 Extracted: 11/11/09											
Blank Analyzed: 11/11/2009 (9K11077-BLK1)											
GRO (C4 - C12)	ND	50	30	ug/l							
C4-C5	ND	22	22	ug/l							
C6	ND	22	22	ug/l							
C7	ND	22	22	ug/l							
C8	ND	22	22	ug/l							
C9	ND	22	22	ug/l							
C10	ND	22	22	ug/l							
C11	ND	22	22	ug/l							
C12	ND	22	22	ug/l							
Surrogate: 4-BFB (FID)	8.44			ug/l	10.0		84	65-140			
LCS Analyzed: 11/11/2009 (9K11077-BS1)											
GRO (C4 - C12)	723	50	30	ug/l	800		90	80-120			
Surrogate: 4-BFB (FID)	16.9			ug/l	10.0		169	65-140			Z2
LCS Dup Analyzed: 11/11/2009 (9K11077-BSD1)											
GRO (C4 - C12)	735	50	30	ug/l	800		92	80-120	2	20	
Surrogate: 4-BFB (FID)	16.4			ug/l	10.0		164	65-140			Z2
Matrix Spike Analyzed: 11/11/2009 (9K11077-MS1)						Source: ISK0970-02RE1					
GRO (C4 - C12)	11200	1000	600	ug/l	4400	7530	83	65-140			
Surrogate: 4-BFB (FID)	247			ug/l	200		123	65-140			
Matrix Spike Dup Analyzed: 11/11/2009 (9K11077-MSD1)						Source: ISK0970-02RE1					
GRO (C4 - C12)	10700	1000	600	ug/l	4400	7530	73	65-140	4	20	
Surrogate: 4-BFB (FID)	241			ug/l	200		120	65-140			

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METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (EPA 3510C/EPA 8015B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9K10092 Extracted: 11/10/09											
Blank Analyzed: 11/10/2009 (9K10092-BLK1)											
BFH (C13 - C22)	ND	0.50	0.10	mg/l							
BFH (C23 - C32)	ND	0.50	0.10	mg/l							
BFH (C33 - C40)	ND	0.50	0.10	mg/l							
BFH (C10 - C28)	ND	0.50	0.10	mg/l							
Surrogate: n-Octacosane	0.158			mg/l	0.200		79	45-120			
LCS Analyzed: 11/10/2009 (9K10092-BS1)											
BFH (C10 - C28)	0.588	0.50	0.10	mg/l	1.00		59	40-115			
Surrogate: n-Octacosane	0.165			mg/l	0.200		83	45-120			
Matrix Spike Analyzed: 11/11/2009 (9K10092-MS1)											
						Source: ISK0784-14					
BFH (C10 - C28)	2.78	1.4	0.28	mg/l	0.943	1.75	109	40-120			
Surrogate: n-Octacosane	0.149			mg/l	0.189		79	45-120			
Matrix Spike Dup Analyzed: 11/11/2009 (9K10092-MSD1)											
						Source: ISK0784-14					
BFH (C10 - C28)	3.00	1.4	0.28	mg/l	0.943	1.75	132	40-120	8	30	MI
Surrogate: n-Octacosane	0.171			mg/l	0.189		91	45-120			

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ISK0951 <Page 15 of 26>

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9K13034 Extracted: 11/13/09										
Blank Analyzed: 11/13/2009 (9K13034-BLK1)										
Acetone	ND	10	4.5	ug/l						
Benzene	ND	0.50	0.28	ug/l						
Bromobenzene	ND	1.0	0.27	ug/l						
Bromochloromethane	ND	1.0	0.40	ug/l						
Bromodichloromethane	ND	1.0	0.30	ug/l						
Bromoform	ND	1.0	0.40	ug/l						
Bromomethane	ND	1.0	0.42	ug/l						
2-Butanone (MEK)	ND	10	4.7	ug/l						
n-Butylbenzene	ND	1.0	0.37	ug/l						
sec-Butylbenzene	ND	1.0	0.25	ug/l						
tert-Butylbenzene	ND	1.0	0.22	ug/l						
Carbon tetrachloride	ND	0.50	0.28	ug/l						
Chlorobenzene	ND	1.0	0.36	ug/l						
Chloroethane	ND	1.0	0.40	ug/l						
Chloroform	ND	1.0	0.33	ug/l						
Chloromethane	ND	1.0	0.40	ug/l						
2-Chlorotoluene	ND	1.0	0.28	ug/l						
4-Chlorotoluene	ND	1.0	0.29	ug/l						
1,2-Dibromo-3-chloropropane	ND	5.0	0.97	ug/l						
Dibromochloromethane	ND	1.0	0.40	ug/l						
1,2-Dibromoethane (EDB)	ND	1.0	0.40	ug/l						
Dibromomethane	ND	1.0	0.36	ug/l						
1,2-Dichlorobenzene	ND	1.0	0.32	ug/l						
1,3-Dichlorobenzene	ND	1.0	0.35	ug/l						
1,4-Dichlorobenzene	ND	1.0	0.37	ug/l						
Dichlorodifluoromethane	ND	2.0	0.26	ug/l						
1,1-Dichloroethane	ND	1.0	0.40	ug/l						
1,2-Dichloroethane	ND	0.50	0.28	ug/l						
1,1-Dichloroethene	ND	1.0	0.42	ug/l						
cis-1,2-Dichloroethene	ND	1.0	0.32	ug/l						
trans-1,2-Dichloroethene	ND	1.0	0.30	ug/l						
1,2-Dichloropropane	ND	1.0	0.35	ug/l						
1,3-Dichloropropane	ND	1.0	0.32	ug/l						
2,2-Dichloropropane	ND	1.0	0.34	ug/l						
cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l						

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ISK0951 <Page 16 of 26>

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Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9K13034 Extracted: 11/13/09											
Blank Analyzed: 11/13/2009 (9K13034-BLK1)											
trans-1,3-Dichloropropene	ND	0.50	0.32	ug/l							
1,1-Dichloropropene	ND	1.0	0.28	ug/l							
Ethylbenzene	ND	0.50	0.25	ug/l							
Hexachlorobutadiene	ND	1.0	0.38	ug/l							
2-Hexanone	ND	10	2.6	ug/l							
Isopropylbenzene	ND	1.0	0.25	ug/l							
p-Isopropyltoluene	ND	1.0	0.28	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	10	3.5	ug/l							
Methylene chloride	ND	5.0	0.95	ug/l							
Naphthalene	ND	1.0	0.41	ug/l							
n-Propylbenzene	ND	1.0	0.27	ug/l							
Styrene	ND	1.0	0.20	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l							
Tetrachloroethene	ND	1.0	0.32	ug/l							
Toluene	ND	0.50	0.36	ug/l							
1,2,3-Trichlorobenzene	ND	1.0	0.30	ug/l							
1,2,4-Trichlorobenzene	ND	1.0	0.48	ug/l							
1,1,1-Trichloroethane	ND	1.0	0.30	ug/l							
1,1,2-Trichloroethane	ND	1.0	0.30	ug/l							
Trichloroethene	ND	1.0	0.26	ug/l							
Trichlorofluoromethane	ND	1.0	0.34	ug/l							
1,2,3-Trichloropropane	ND	1.0	0.40	ug/l							
1,2,4-Trimethylbenzene	ND	1.0	0.23	ug/l							
1,3,5-Trimethylbenzene	ND	1.0	0.26	ug/l							
Vinyl chloride	ND	0.50	0.40	ug/l							
m,p-Xylenes	ND	1.0	0.60	ug/l							
o-Xylene	ND	0.50	0.30	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	0.25	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	0.28	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	0.32	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.33	ug/l							
tert-Butanol (TBA)	ND	10	6.5	ug/l							
Surrogate: 4-Bromofluorobenzene	24.4			ug/l	25.0		98	80-120			
Surrogate: Dibromofluoromethane	23.8			ug/l	25.0		95	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	Limit	Data Qualifiers
Batch: 9K13034 Extracted: 11/13/09										
Blank Analyzed: 11/13/2009 (9K13034-BLK1)										
Surrogate: Toluene-d8	25.8			ug/l	25.0		103 80-120			
LCS Analyzed: 11/13/2009 (9K13034-BS1)										
Acetone	28.9	10	4.5	ug/l	25.0		116 30-140			M-3
Benzene	25.1	0.50	0.28	ug/l	25.0		100 70-120			
Bromobenzene	22.2	1.0	0.27	ug/l	25.0		89 75-120			
Bromochloromethane	22.9	1.0	0.40	ug/l	25.0		92 70-130			
Bromodichloromethane	25.9	1.0	0.30	ug/l	25.0		104 70-135			
Bromoform	21.8	1.0	0.40	ug/l	25.0		87 55-130			
Bromomethane	24.8	1.0	0.42	ug/l	25.0		99 65-140			
2-Butanone (MEK)	30.2	10	4.7	ug/l	25.0		121 40-140			
n-Butylbenzene	22.5	1.0	0.37	ug/l	25.0		90 70-130			
sec-Butylbenzene	23.1	1.0	0.25	ug/l	25.0		92 70-125			
tert-Butylbenzene	21.0	1.0	0.22	ug/l	25.0		84 70-125			
Carbon tetrachloride	28.2	0.50	0.28	ug/l	25.0		113 65-140			
Chlorobenzene	22.9	1.0	0.36	ug/l	25.0		92 75-120			
Chloroethane	24.8	1.0	0.40	ug/l	25.0		99 60-140			
Chloroform	21.8	1.0	0.33	ug/l	25.0		87 70-130			
Chloromethane	22.3	1.0	0.40	ug/l	25.0		89 50-140			
2-Chlorotoluene	21.9	1.0	0.28	ug/l	25.0		88 70-125			
4-Chlorotoluene	22.3	1.0	0.29	ug/l	25.0		89 75-125			
1,2-Dibromo-3-chloropropane	20.6	5.0	0.97	ug/l	25.0		83 50-135			
Dibromochloromethane	23.9	1.0	0.40	ug/l	25.0		96 70-140			
1,2-Dibromoethane (EDB)	23.8	1.0	0.40	ug/l	25.0		95 75-125			
Dibromomethane	23.6	1.0	0.36	ug/l	25.0		95 70-125			
1,2-Dichlorobenzene	22.3	1.0	0.32	ug/l	25.0		89 75-120			
1,3-Dichlorobenzene	22.9	1.0	0.35	ug/l	25.0		92 75-120			
1,4-Dichlorobenzene	23.2	1.0	0.37	ug/l	25.0		93 75-120			
Dichlorodifluoromethane	25.8	2.0	0.26	ug/l	25.0		103 35-155			
1,1-Dichloroethane	23.6	1.0	0.40	ug/l	25.0		95 70-125			
1,2-Dichloroethane	21.7	0.50	0.28	ug/l	25.0		87 60-140			
1,1-Dichloroethene	24.5	1.0	0.42	ug/l	25.0		98 70-125			
cis-1,2-Dichloroethene	25.3	1.0	0.32	ug/l	25.0		101 70-125			
trans-1,2-Dichloroethene	24.3	1.0	0.30	ug/l	25.0		97 70-125			
1,2-Dichloropropane	24.8	1.0	0.35	ug/l	25.0		99 70-125			
1,3-Dichloropropane	24.5	1.0	0.32	ug/l	25.0		98 70-120			

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Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9K13034 Extracted: 11/13/09										
LCS Analyzed: 11/13/2009 (9K13034-BS1)										
2,2-Dichloropropane	31.4	1.0	0.34	ug/l	25.0		126 65-140			
cis-1,3-Dichloropropene	31.0	0.50	0.22	ug/l	25.0		124 75-125			
trans-1,3-Dichloropropene	24.6	0.50	0.32	ug/l	25.0		99 70-125			
1,1-Dichloropropene	24.5	1.0	0.28	ug/l	25.0		98 75-130			
Ethylbenzene	21.4	0.50	0.25	ug/l	25.0		86 75-125			
Hexachlorobutadiene	25.4	1.0	0.38	ug/l	25.0		102 65-135			
2-Hexanone	24.3	10	2.6	ug/l	25.0		97 45-140			
Isopropylbenzene	22.1	1.0	0.25	ug/l	25.0		88 75-130			
p-Isopropyltoluene	21.4	1.0	0.28	ug/l	25.0		86 75-125			
4-Methyl-2-pentanone (MIBK)	21.2	10	3.5	ug/l	25.0		85 45-140			
Methylene chloride	24.6	5.0	0.95	ug/l	25.0		99 55-130			
Naphthalene	20.6	1.0	0.41	ug/l	25.0		82 55-135			
n-Propylbenzene	23.0	1.0	0.27	ug/l	25.0		92 75-130			
Styrene	23.2	1.0	0.20	ug/l	25.0		93 75-130			
1,1,1,2-Tetrachloroethane	27.4	1.0	0.27	ug/l	25.0		110 70-130			
1,1,2,2-Tetrachloroethane	26.3	1.0	0.30	ug/l	25.0		105 55-130			
Tetrachloroethene	24.1	1.0	0.32	ug/l	25.0		96 70-125			
Toluene	22.5	0.50	0.36	ug/l	25.0		90 70-120			
1,2,3-Trichlorobenzene	22.2	1.0	0.30	ug/l	25.0		89 65-125			
1,2,4-Trichlorobenzene	23.1	1.0	0.48	ug/l	25.0		92 70-135			
1,1,1-Trichloroethane	23.4	1.0	0.30	ug/l	25.0		93 65-135			
1,1,2-Trichloroethane	25.6	1.0	0.30	ug/l	25.0		102 70-125			
Trichloroethene	22.4	1.0	0.26	ug/l	25.0		89 70-125			
Trichlorofluoromethane	23.8	1.0	0.34	ug/l	25.0		95 65-145			
1,2,3-Trichloropropane	23.6	1.0	0.40	ug/l	25.0		94 60-130			
1,2,4-Trimethylbenzene	22.1	1.0	0.23	ug/l	25.0		88 75-125			
1,3,5-Trimethylbenzene	21.8	1.0	0.26	ug/l	25.0		87 75-125			
Vinyl chloride	21.6	0.50	0.40	ug/l	25.0		87 55-135			
m,p-Xylenes	46.6	1.0	0.60	ug/l	50.0		93 75-125			
o-Xylene	23.6	0.50	0.30	ug/l	25.0		94 75-125			
Di-isopropyl Ether (DIPE)	21.8	1.0	0.25	ug/l	25.0		87 60-135			
Ethyl tert-Butyl Ether (ETBE)	23.2	1.0	0.28	ug/l	25.0		93 65-135			
Methyl-tert-butyl Ether (MTBE)	22.6	1.0	0.32	ug/l	25.0		90 60-135			
tert-Amyl Methyl Ether (TAME)	24.8	1.0	0.33	ug/l	25.0		99 60-135			
tert-Butanol (TBA)	107	10	6.5	ug/l	125		86 70-135			

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Joseph Doak
Project Manager

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ISK0951 <Page 19 of 26>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9K13034 Extracted: 11/13/09											
LCS Analyzed: 11/13/2009 (9K13034-BS1)											
Surrogate: 4-Bromofluorobenzene	24.4			ug/l	25.0		98	80-120			
Surrogate: Dibromofluoromethane	23.9			ug/l	25.0		95	80-120			
Surrogate: Toluene-d8	26.2			ug/l	25.0		105	80-120			
Matrix Spike Analyzed: 11/13/2009 (9K13034-MS1)						Source: ISK0970-04					
Acetone	4750	50	22	ug/l	125	ND	3800	20-150			MI
Benzene	475	2.5	1.4	ug/l	125	369	85	65-125			
Bromobenzene	131	5.0	1.4	ug/l	125	ND	105	70-125			
Bromochloromethane	134	5.0	2.0	ug/l	125	ND	107	65-135			
Bromodichloromethane	150	5.0	1.5	ug/l	125	ND	120	70-135			
Bromoform	132	5.0	2.0	ug/l	125	ND	106	55-135			
Bromomethane	158	5.0	2.1	ug/l	125	ND	126	55-145			
2-Butanone (MEK)	178	50	24	ug/l	125	ND	142	30-145			
n-Butylbenzene	149	5.0	1.8	ug/l	125	13.6	108	65-135			
sec-Butylbenzene	147	5.0	1.2	ug/l	125	10.8	109	70-125			
tert-Butylbenzene	133	5.0	1.1	ug/l	125	7.05	101	65-130			
Carbon tetrachloride	156	2.5	1.4	ug/l	125	ND	125	65-140			
Chlorobenzene	142	5.0	1.8	ug/l	125	ND	114	75-125			
Chloroethane	153	5.0	2.0	ug/l	125	ND	122	55-140			
Chloroform	127	5.0	1.6	ug/l	125	ND	101	65-135			
Chloromethane	124	5.0	2.0	ug/l	125	ND	100	45-145			
2-Chlorotoluene	130	5.0	1.4	ug/l	125	ND	104	65-135			
4-Chlorotoluene	135	5.0	1.4	ug/l	125	ND	108	70-135			
1,2-Dibromo-3-chloropropane	124	25	4.8	ug/l	125	ND	99	45-145			
Dibromochloromethane	140	5.0	2.0	ug/l	125	ND	112	65-140			
1,2-Dibromoethane (EDB)	148	5.0	2.0	ug/l	125	ND	118	70-130			
Dibromomethane	137	5.0	1.8	ug/l	125	ND	110	65-135			
1,2-Dichlorobenzene	133	5.0	1.6	ug/l	125	ND	106	75-125			
1,3-Dichlorobenzene	138	5.0	1.8	ug/l	125	ND	110	75-125			
1,4-Dichlorobenzene	140	5.0	1.8	ug/l	125	ND	112	75-125			
Dichlorodifluoromethane	135	10	1.3	ug/l	125	ND	108	25-155			
1,1-Dichloroethane	140	5.0	2.0	ug/l	125	ND	112	65-130			
1,2-Dichloroethane	121	2.5	1.4	ug/l	125	ND	97	60-140			
1,1-Dichloroethene	141	5.0	2.1	ug/l	125	ND	113	60-130			
cis-1,2-Dichloroethene	152	5.0	1.6	ug/l	125	ND	121	65-130			
trans-1,2-Dichloroethene	148	5.0	1.5	ug/l	125	ND	118	65-130			

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Project Manager

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ISK0951 <Page 20 of 26>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9K13034 Extracted: 11/13/09											
Matrix Spike Analyzed: 11/13/2009 (9K13034-MS1)						Source: ISK0970-04					
1,2-Dichloropropane	152	5.0	1.8	ug/l	125	ND	121	65-130			
1,3-Dichloropropane	154	5.0	1.6	ug/l	125	ND	123	65-135			
2,2-Dichloropropane	184	5.0	1.7	ug/l	125	ND	147	60-145			MI
cis-1,3-Dichloropropene	182	2.5	1.1	ug/l	125	ND	146	70-130			MI
trans-1,3-Dichloropropene	144	2.5	1.6	ug/l	125	ND	115	65-135			
1,1-Dichloropropene	148	5.0	1.4	ug/l	125	ND	119	70-135			
Ethylbenzene	145	2.5	1.2	ug/l	125	13.2	106	65-130			
Hexachlorobutadiene	151	5.0	1.9	ug/l	125	ND	121	60-135			
2-Hexanone	157	50	13	ug/l	125	ND	126	25-140			
Isopropylbenzene	196	5.0	1.2	ug/l	125	79.0	94	70-135			
p-Isopropyltoluene	132	5.0	1.4	ug/l	125	3.25	103	65-130			
4-Methyl-2-pentanone (MIBK)	135	50	18	ug/l	125	ND	108	40-140			
Methylene chloride	145	25	4.8	ug/l	125	ND	116	50-135			
Naphthalene	127	5.0	2.0	ug/l	125	2.10	100	50-140			
n-Propylbenzene	223	5.0	1.4	ug/l	125	110	90	70-135			
Styrene	149	5.0	1.0	ug/l	125	ND	119	50-145			
1,1,1,2-Tetrachloroethane	165	5.0	1.4	ug/l	125	ND	132	65-140			
1,1,2,2-Tetrachloroethane	161	5.0	1.5	ug/l	125	ND	129	55-135			
Tetrachloroethene	148	5.0	1.6	ug/l	125	ND	118	65-130			
Toluene	233	2.5	1.8	ug/l	125	112	97	70-125			
1,2,3-Trichlorobenzene	129	5.0	1.5	ug/l	125	ND	103	60-135			
1,2,4-Trichlorobenzene	142	5.0	2.4	ug/l	125	ND	113	65-135			
1,1,1-Trichloroethane	135	5.0	1.5	ug/l	125	ND	108	65-140			
1,1,2-Trichloroethane	164	5.0	1.5	ug/l	125	ND	131	65-130			MI
Trichloroethene	133	5.0	1.3	ug/l	125	ND	106	65-125			
Trichlorofluoromethane	136	5.0	1.7	ug/l	125	ND	109	60-145			
1,2,3-Trichloropropane	139	5.0	2.0	ug/l	125	ND	111	55-135			
1,2,4-Trimethylbenzene	133	5.0	1.2	ug/l	125	ND	106	55-135			
1,3,5-Trimethylbenzene	134	5.0	1.3	ug/l	125	3.40	104	70-130			
Vinyl chloride	131	2.5	2.0	ug/l	125	ND	105	45-140			
m,p-Xylenes	335	5.0	3.0	ug/l	250	44.6	116	65-130			
o-Xylene	161	2.5	1.5	ug/l	125	13.0	118	65-125			
Di-isopropyl Ether (DIPE)	134	5.0	1.2	ug/l	125	ND	107	60-140			
Ethyl tert-Butyl Ether (ETBE)	140	5.0	1.4	ug/l	125	ND	112	60-135			
Methyl-tert-butyl Ether (MTBE)	136	5.0	1.6	ug/l	125	ND	109	55-145			

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Project Manager

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ISK0951 <Page 21 of 26>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9K13034 Extracted: 11/13/09											
Matrix Spike Analyzed: 11/13/2009 (9K13034-MS1)						Source: ISK0970-04					
tert-Amyl Methyl Ether (TAME)	151	5.0	1.6	ug/l	125	ND	121	60-140			
tert-Butanol (TBA)	577	50	32	ug/l	625	62.4	82	65-140			
Surrogate: 4-Bromofluorobenzene	125			ug/l	125		100	80-120			
Surrogate: Dibromofluoromethane	114			ug/l	125		91	80-120			
Surrogate: Toluene-d8	129			ug/l	125		103	80-120			
Matrix Spike Dup Analyzed: 11/13/2009 (9K13034-MSD1)						Source: ISK0970-04					
Acetone	5030	50	22	ug/l	125	ND	4030	20-150	6	35	MI
Benzene	495	2.5	1.4	ug/l	125	369	100	65-125	4	20	
Bromobenzene	134	5.0	1.4	ug/l	125	ND	108	70-125	3	20	
Bromochloromethane	137	5.0	2.0	ug/l	125	ND	109	65-135	2	25	
Bromodichloromethane	149	5.0	1.5	ug/l	125	ND	119	70-135	1	20	
Bromoform	133	5.0	2.0	ug/l	125	ND	107	55-135	1	25	
Bromomethane	155	5.0	2.1	ug/l	125	ND	124	55-145	1	25	
2-Butanone (MEK)	185	50	24	ug/l	125	ND	148	30-145	4	40	MI
n-Butylbenzene	151	5.0	1.8	ug/l	125	13.6	110	65-135	1	20	
sec-Butylbenzene	149	5.0	1.2	ug/l	125	10.8	111	70-125	2	20	
tert-Butylbenzene	134	5.0	1.1	ug/l	125	7.05	101	65-130	1	20	
Carbon tetrachloride	153	2.5	1.4	ug/l	125	ND	122	65-140	2	25	
Chlorobenzene	144	5.0	1.8	ug/l	125	ND	116	75-125	1	20	
Chloroethane	152	5.0	2.0	ug/l	125	ND	122	55-140	1	25	
Chloroform	127	5.0	1.6	ug/l	125	ND	101	65-135	0	20	
Chloromethane	125	5.0	2.0	ug/l	125	ND	100	45-145	0	25	
2-Chlorotoluene	131	5.0	1.4	ug/l	125	ND	105	65-135	1	20	
4-Chlorotoluene	136	5.0	1.4	ug/l	125	ND	109	70-135	1	20	
1,2-Dibromo-3-chloropropane	123	25	4.8	ug/l	125	ND	99	45-145	0	30	
Dibromochloromethane	141	5.0	2.0	ug/l	125	ND	113	65-140	1	25	
1,2-Dibromoethane (EDB)	148	5.0	2.0	ug/l	125	ND	118	70-130	0	25	
Dibromomethane	138	5.0	1.8	ug/l	125	ND	111	65-135	1	25	
1,2-Dichlorobenzene	135	5.0	1.6	ug/l	125	ND	108	75-125	2	20	
1,3-Dichlorobenzene	139	5.0	1.8	ug/l	125	ND	112	75-125	1	20	
1,4-Dichlorobenzene	140	5.0	1.8	ug/l	125	ND	112	75-125	0	20	
Dichlorodifluoromethane	132	10	1.3	ug/l	125	ND	105	25-155	3	30	
1,1-Dichloroethane	141	5.0	2.0	ug/l	125	ND	113	65-130	1	20	
1,2-Dichloroethane	118	2.5	1.4	ug/l	125	ND	94	60-140	3	20	
1,1-Dichloroethene	144	5.0	2.1	ug/l	125	ND	116	60-130	2	20	

TestAmerica Irvine

Joseph Doak
Project Manager

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9K13034 Extracted: 11/13/09											
Matrix Spike Dup Analyzed: 11/13/2009 (9K13034-MSD1)						Source: ISK0970-04					
cis-1,2-Dichloroethene	153	5.0	1.6	ug/l	125	ND	122	65-130	1	20	
trans-1,2-Dichloroethene	148	5.0	1.5	ug/l	125	ND	119	65-130	1	20	
1,2-Dichloropropane	153	5.0	1.8	ug/l	125	ND	122	65-130	1	20	
1,3-Dichloropropane	155	5.0	1.6	ug/l	125	ND	124	65-135	1	25	
2,2-Dichloropropane	181	5.0	1.7	ug/l	125	ND	145	60-145	2	25	MI
cis-1,3-Dichloropropene	182	2.5	1.1	ug/l	125	ND	146	70-130	0	20	MI
trans-1,3-Dichloropropene	144	2.5	1.6	ug/l	125	ND	115	65-135	1	25	
1,1-Dichloropropene	148	5.0	1.4	ug/l	125	ND	118	70-135	0	20	
Ethylbenzene	147	2.5	1.2	ug/l	125	13.2	107	65-130	1	20	
Hexachlorobutadiene	154	5.0	1.9	ug/l	125	ND	123	60-135	2	20	
2-Hexanone	166	50	13	ug/l	125	ND	133	25-140	6	35	
Isopropylbenzene	203	5.0	1.2	ug/l	125	79.0	100	70-135	4	20	
p-Isopropyltoluene	133	5.0	1.4	ug/l	125	3.25	104	65-130	1	20	
4-Methyl-2-pentanone (MIBK)	139	50	18	ug/l	125	ND	111	40-140	3	35	
Methylene chloride	145	25	4.8	ug/l	125	ND	116	50-135	0	20	
Naphthalene	132	5.0	2.0	ug/l	125	2.10	104	50-140	4	30	
n-Propylbenzene	230	5.0	1.4	ug/l	125	110	97	70-135	3	20	
Styrene	151	5.0	1.0	ug/l	125	ND	121	50-145	1	30	
1,1,1,2-Tetrachloroethane	166	5.0	1.4	ug/l	125	ND	132	65-140	0	20	
1,1,2,2-Tetrachloroethane	164	5.0	1.5	ug/l	125	ND	131	55-135	2	30	
Tetrachloroethene	148	5.0	1.6	ug/l	125	ND	119	65-130	0	20	
Toluene	240	2.5	1.8	ug/l	125	112	102	70-125	3	20	
1,2,3-Trichlorobenzene	133	5.0	1.5	ug/l	125	ND	106	60-135	3	20	
1,2,4-Trichlorobenzene	143	5.0	2.4	ug/l	125	ND	114	65-135	1	20	
1,1,1-Trichloroethane	133	5.0	1.5	ug/l	125	ND	106	65-140	2	20	
1,1,2-Trichloroethane	166	5.0	1.5	ug/l	125	ND	133	65-130	1	25	MI
Trichloroethene	132	5.0	1.3	ug/l	125	ND	106	65-125	1	20	
Trichlorofluoromethane	132	5.0	1.7	ug/l	125	ND	105	60-145	3	25	
1,2,3-Trichloropropane	143	5.0	2.0	ug/l	125	ND	114	55-135	2	30	
1,2,4-Trimethylbenzene	134	5.0	1.2	ug/l	125	ND	107	55-135	0	25	
1,3,5-Trimethylbenzene	135	5.0	1.3	ug/l	125	3.40	106	70-130	1	20	
Vinyl chloride	133	2.5	2.0	ug/l	125	ND	106	45-140	2	30	
m,p-Xylenes	341	5.0	3.0	ug/l	250	44.6	118	65-130	2	25	
o-Xylene	163	2.5	1.5	ug/l	125	13.0	120	65-125	1	20	
Di-isopropyl Ether (DIPE)	135	5.0	1.2	ug/l	125	ND	108	60-140	1	25	

TestAmerica Irvine

Joseph Doak
Project Manager

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ISK0951 <Page 23 of 26>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
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Batch: 9K13034 Extracted: 11/13/09

Matrix Spike Dup Analyzed: 11/13/2009 (9K13034-MSD1)

Source: ISK0970-04

Ethyl tert-Butyl Ether (ETBE)	143	5.0	1.4	ug/l	125	ND	114	60-135	3	25	
Methyl-tert-butyl Ether (MTBE)	137	5.0	1.6	ug/l	125	ND	110	55-145	1	25	
tert-Butyl Methyl Ether (TAME)	155	5.0	1.6	ug/l	125	ND	124	60-140	2	30	
tert-Butanol (TBA)	578	50	32	ug/l	625	62.4	82	65-140	0	25	
Surrogate: 4-Bromofluorobenzene	127			ug/l	125		101	80-120			
Surrogate: Dibromofluoromethane	114			ug/l	125		91	80-120			
Surrogate: Toluene-d8	129			ug/l	125		103	80-120			

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MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

DATA QUALIFIERS AND DEFINITIONS

J Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

M-3 Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).

RL4 Reporting limit raised due to insufficient sample volume.

Z2 Surrogate recovery was above the acceptance limits. Data not impacted.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD.
The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For GRO (C4-C12):

GRO (C4-C12) is quantitated against a gasoline standard. Quantitation begins immediately following the methanol peak.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO):

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

TestAmerica Irvine

Joseph Doak
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

ISK0951 <Page 25 of 26>

MACTEC - Irvine
2171 Campus Drive, Suite 100
Irvine, CA 92612
Attention: Jay Neuhaus

Project ID: Ricoh - Santa Ana
41981-10.3
Report Number: ISK0951

Sampled: 11/09/09
Received: 11/09/09

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8015B MOD	Water	X	X
EPA 8015B	Water	X	X
EPA 8260B	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Joseph Doak
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

ISK0951 <Page 26 of 26>



Linda S. Adams
Secretary for
Environmental Protection

California Regional Water Quality Control Board Santa Ana Region

3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (951) 782-4130 • FAX (951) 781-6288 • TDD (951) 782-3221
www.waterboards.ca.gov/santaana



Arnold Schwarzenegger
Governor

August 13, 2010

Pedro Medrano
Ricoh Electronics
1100 Valencia Avenue
Tustin, Ca 92780

**SUBJECT: No Further Action
Ricoh Electronics Facility
2320 Redhill, Santa Ana
LUSTIS Case Number 083000552T**

Dear Mr. Medrano:

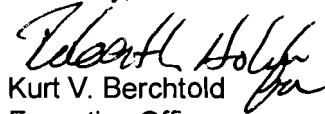
This letter confirms the completion of site investigation and remedial action for the underground storage tanks formerly located at the above described location. Enclosed is the Case Closure Summary for the referenced site for your records.

Based on the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721(e).

Please telephone Carl Bernhardt of our Underground Storage Tank Section at 951-782-4495 or by electronic mail at cbernardt@waterboards.ca.gov if you have any questions regarding this matter.

Sincerely,



Kurt V. Berchtold
Executive Officer

Enclosures: Case Closure Summary

Addressee: Pedro Medrano, Ricoh Pedro_A_Medrano@rei.ricoh.com

cc with enclosures: Diana Plotkin, Karney Property Mgmt: Diana_Plotkin@karney.net
Mark Gilmartin, Law Offices: mbgilmartin@earthlink.net
Anri Suzuki, Ricoh Electronics: Anri_Suzuki@rei.ricoh.com
Jay Neuhaus, Mactec: jrneuhaus@mactec.com
David Rice, SWRCB: drice@waterboards.ca.gov
Diana Conkle, SWRCB: dconkle@waterboards.ca.gov
Eric Floyd, Wayne Perry, Inc: efloyd@wpi.com

CAB/ ricoh closure letter

California Environmental Protection Agency



Recycled Paper

CASE CLOSURE SUMMARY

Leaking Underground Fuel Tank Program

I. Agency Information

Agency Name	California Regional Water Quality Control Board Santa Ana Region	Staff	Carl A. Bernhardt
Address	3737 Main St. Suite 500	Title	Engineering Geologist
City/State/ Zip	Riverside CA 92501-3348	Phone	(951) 782-4495, Main # 782-4130

II. Case Information

Site Name	Ricoh Electronics, Inc.			
Location	2320 Redhill Avenue, Santa Ana			
Regional Board Case #	083000552T	Local Agency Case #		
Responsible Parties	Address		Phone Number	
Ricoh Electronics Contact: Mr. Jeff Simko	1100 Valencia Avenue Tustin, CA 92780			
Tank No.	Size in Gallons	Contents	Closed in place/ Removed	Date
1	30,000	Isoparaffin aliphatic hydrocarbons	Removed	September 1998
2	50,000	Isoparaffin aliphatic hydrocarbons	Removed	July 1998
3	50,000	Isoparaffin aliphatic hydrocarbons	Removed	September 1998
5	40,000	Isoparaffin aliphatic hydrocarbons	Removed	October 2006

III. Release and Site Characterization Information

Cause and type of release: Unknown					
Site characterization complete?	Moderate to low concentration of petroleum hydrocarbons were detected in the soil and groundwater to the south and southwest of the UST. The affected soil and groundwater was not defined to non-detect.			Date approved by agency	
Monitoring wells installed?	Yes	Number	11	Proper screen interval?	Yes
Deepest GW depth	13 feet		Shallowest GW depth		5.67 feet
Groundwater, most sensitive current use: Municipal					
Are drinking water wells affected?	No	Aquifer name	Orange County Groundwater Management Zone		
Is surface water affected?	No	Nearest SW name	San Diego Creek		
Off-site beneficial use Impacts (addresses/locations): None					
Report(s) on file?	Yes	Where is/are report(s) filed?	SARWQCB, 3737 Main Street, Suite 500 Riverside, CA 92501		

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount	Action (treatment, disposal)/ Destination	Date
Soil	Unknown	Excavated and disposed off-site	July – Sept. 1998
Soil	Unknown	Excavated and disposed off-site	Sept. 2006
Groundwater	2,160,000 gallons	Extracted and treated using GAC	Aug. 1988 – May 1999
Isopar	4,371 gallons	Extracted and disposed off-site	Feb. 1988 – May 1992
Excavation Water	100,000 gallons	Extracted and treated using GAC	July – Sept. 1998

III. Release and Site Characterization Information (Continued)

Maximum Documented Contaminant Concentration - Before and After Cleanup									
Contaminant	Soil (mg/kg)				Groundwater (ug/l)				
	1986	1998	2006	2008	Nov. 1986	March 1997	Feb. 2003	April 2005	Sept. 2009
TPH	1,000	4,000	360 (C13-28) 860 (C29-40)	490 (VFH)	N/A	95,000	2,100	400	190 (VFH) 660 (EFH)
Free product	N/A ¹	N/A	N/A	ND	6'	ND ²	ND	ND	ND
Benzene	N/A	N/A	N/A	0.0023	N/A	N/A	<2.0	N/A	ND
Toluene	N/A	N/A	N/A	0.003	N/A	N/A	5.1	N/A	ND
Ethyl Benzene	N/A	N/A	N/A	ND	N/A	N/A	<0.2	N/A	ND
Xylene	N/A	N/A	N/A	ND	N/A	N/A	<2.0	N/A	ND
MTBE	N/A	N/A	N/A	N/A	N/A	N/A	<5	N/A	ND
TBA	N/A	N/A	N/A	N/A	N/A	N/A	<5	N/A	7.9
Comments regarding investigation and remediation									
In July 1986, leakage was detected from piping associated with three USTs. The USTs stored ISOPAR G (C10-C11) and H (C11-C12), which was used in the manufacture of toner. Based on the results of a soil gas survey, four soil borings were advanced at the site. TPH (C6-C8) were detected at a concentration ranging from 50 to 1000 ppm. Six groundwater monitoring wells and twenty groundwater well points were installed to characterize the groundwater.									

¹ N/A – Not Analyzed

² ND – Not Detected

Comments regarding investigation and remediation - continued

Groundwater was encountered at approximately 10 feet bgs and was found to flow to the south. Free product was detected up to 6.9 ft. In February 1988, FP recovery was initiated. On July 8, 1988 the Board issued Cleanup and Abatement Order CAO No. 88-78, requiring Ricoh to implement corrective measures and to establish waste discharge limits. In August 1988, Ricoh implemented groundwater extraction and treatment. Up to 14,000 gallons per day were discharged to the local storm drain which discharged into San Diego Creek. In September 1992, Ricoh requested cessation of groundwater remediation because free product was no longer detected in the Isopar/groundwater recovery system. In a letter dated December 15, 1992, Regional Board staff denied the request due to the continued presence of free product in some groundwater monitoring wells and the lack of consistent groundwater monitoring. The recovery system reportedly operated until July 1998, when the three USTs were removed and replaced.

In July through September 1998, the three USTs were removed and replaced by one 40,000-gallon Isopar UST. The UST area was reportedly excavated to a depth of 16 feet, approximately 100,000 gallons of groundwater from the excavation were treated and discharged, and ORC was placed in the backfill.

Due to the continued detection of elevated concentration of TPH in the groundwater, a subsurface investigation was conducted in December 2000. Five soil borings were advanced to 17 to 20 feet and three grab groundwater samples were collected. TPH was detected at a concentration of up to 1.9 mg/kg in the soil samples and up to 8,000,000 ug/l TPH was detected in the groundwater. In January 2003, two confirmatory wells were installed at the site. TPH was detected at a concentration of up to 2,100 ug/l in the groundwater. In February 2003, a 24-hour two phase extraction test was conducted. Vapor influent concentrations peaked at 1,060 ppmv after 18 hours of operation. Approximately 13.5 lbs (2.1 gallons) of petroleum hydrocarbons were recovered.

In April 2005, the TPH concentrations in the groundwater monitoring wells have reduced to 400 ug/l. As a result, Ricoh requested site closure. Final consideration of closure of the site was delayed due to the pending removal of the one remaining UST.

In September 2006, the 40,000-gallon UST was removed. Two soil samples were collected each from under the UST and the dispenser. TPH (C13-C28) and TPH (C29-C40) were detected at concentrations up to 360 ppm and 860 ppm, respectively. TPH (C13-C28) and TPH (C29-C40) were detected in groundwater samples collected from the excavation at concentrations up to 530 ug/l and not detected, respectively.

In July 2008, six soil borings were advanced on the Ricoh and adjacent Jaydee property to depths ranging from 17 to 45 feet bgs. The results indicated TPH at a concentration of 300 and 490 ppm in soil sampled from boring B-5 at depths of 10 and 15 feet bgs, respectively. Groundwater was sampled from two of the borings at depths ranging from 35 to 45 feet bgs. No TPH or VOCs were detected in the groundwater samples.

In September 2009, two groundwater monitoring wells were installed on the adjacent Jaydee property next to boring locations B-5 and B-6. Groundwater was found at approximately 13 feet bgs and groundwater flow was to the south to southwest. TPH-g and TPH-d were detected at a concentration of 190 ug/l and 660 ug/l, respectively.

On May 11, 2010, Board staff notified the legal counsel and property manger representing the fee holder of the adjacent property of the pending site closure. Board staff has not received any comments in response to the May 11, 2010 letter.

Based on this data, Ricoh's consultant asserts the following:

- In June 2008, volatile fuel petroleum hydrocarbons were detected at a maximum concentration of 490 mg/kg in soil samples collected from the JayDee property indicating that the concentrations are decreasing laterally from the former UST.

- Groundwater samples collected on the Jaydee property indicate petroleum fuel concentrations are not at a concentration of concern and are stable.
- No further action should be required because the low levels of petroleum hydrocarbons in the soil and groundwater do not pose a health risk.

Board staff is recommending site closure for the following reasons:

- The USTs have been removed from the site.
- A significant volume of the source petroleum hydrocarbons in the soil has been removed.
- The residual petroleum hydrocarbons in the soil and groundwater appear not to pose a significant enough risk to groundwater quality or the underlying groundwater's beneficial uses to warrant the expense of further remediation.
- It is anticipated that the concentration and mass of residual petroleum hydrocarbons would continue to decline due to biodegradation and natural attenuation.
- The SARWQCB has not established TPH cleanup levels for soil for protection of human health and, at this time, no statewide TPH cleanup levels have been established. However, the residual concentrations of petroleum hydrocarbons detected in the soil borings do not exceed the environmental screening levels (ESLs) established by the San Francisco RWQCB for direct exposure for commercial workers (450 ppm for soils <3 m deep and 4200 ppm for soils >3 m deep for gasoline and diesel and 3700 ppm for residual fuels with a carbon chain > 24) and the Gross Contamination Ceiling Levels (for odors, etc.) for shallow soils (500 ppm for gasoline and diesel and 2500 ppm for residual fuels). Furthermore, according to Mullin, et al (1990), isoparaffinic hydrocarbon compounds "have a very low order of acute toxicity, being practically non-toxic by oral, dermal and inhalation routes. However, aspiration of liquid isoparaffins into the lungs during oral ingestion could result in severe pulmonary injury" and non-evaporative dermal exposure by liquid isoparaffins "have produced slight to moderate irritation". Given that no free product isopar is currently being detected at the site, it appears that there is a low likelihood that commercial workers would be exposed to liquid isopar. Based on these criteria, Board staff is not requiring a quantitative risk assessment of the residual petroleum hydrocarbons or vapor intrusion studies to determine if the residual petroleum hydrocarbons pose any risk to the nearby building occupants in the soil at this time.

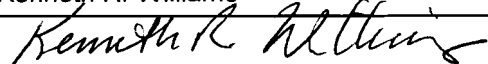
On August 6, 2010, five groundwater monitoring wells and two groundwater extraction wells were abandoned on the Ricoh and adjacent JayDee Enterprises properties.

If land use changes at the site, a review of the corrective actions may be warranted if on-site excavation or construction activities expose contaminated soil or if changes in land use indicates that the residual contamination at the site poses a risk to site occupants.

IV. Closure

Does completed corrective action protect <i>existing</i> beneficial uses per Regional Board Basin Plan?				Yes	
Does completed corrective action protect <i>potential</i> beneficial uses per the Regional Board Basin Plan?				Yes	
Does corrective action protect public health for current land use?			Yes		
Site Management requirements?			None		
Should corrective action be reviewed if land use changes?			See above discussions.		
Monitoring/Extraction wells decommissioned	11	Number decommissioned	11	Number retained	0
List enforcement actions taken	CAO, 88-78, Site Specific NPDES Permit - Order 89-11				
List enforcement actions rescinded	Order 89-11 was superseded by General Groundwater Treatment Permit 91-63. Order 88-78 rescinded on February 2, 2007				

V. Regional Board Representative Data

Name	Kenneth R. Williams	Title	Supervisor, Pollutant Investigation Section		
Signature				Date	8/11/2012

VII. References

Linda S. Mullin, Allan W. Ader, Wayne C Daughtrey, Debra Z. Frost, Michael R. Greenwood , 1990, Toxicology update isoparaffinic hydrocarbons: A summary of physical properties, toxicity studies and human exposure data, Journal of Applied Toxicology, Volume 10, Issue 2, Pages 135-142.



ORANGE COUNTY FIRE AUTHORITY

Prevention Field Services

1 Fire Authority Road

Irvine, CA 92602

P.O. Box 57115

Irvine, CA 92619-7115

Phone (714) 573-6180

Fax (714) 368-8836

FAX COVER PAGE-INVOICE

To: Alicia Jansen-Stantec

Fax/Email: alicia.jansen@stantec.com

Date: July 12, 2018

From: Robin Nelson-Glotfelty

Telephone # 714-573-6180

COMMENTS: The information you requested for **RED HILL** in the city of **SANTA ANA** is ready. Please send a check for **\$7.50** payable to **ORANGE COUNTY FIRE AUTHORITY** and a **SELF-ADDRESSED STAMPED ENVELOPE** to the address listed above (PO BOX) and the records will be mailed to you. If you would like to pick up the records in person, our hours are Monday-Friday from 8 am to 5 pm (*closed for lunch between 12 and 1*) The OCFA is closed for business every other Friday. **PLEASE NOTE: If you would like to pick the records up in person, NO APPOINTMENT IS NEEDED.**

**ORANGE COUNTY FIRE AUTHORITY**

Report run on: July 12, 2018 2:44 PM

BUSINESS RECORDS AT: 2300 RED HILL
SANTA ANA

Bus Id: 112720 DBA: RICOH ELECTRONICS INC - SANTA ANA 3 Status: Vacant
2300 RED HILL AV Bldg# Ste#
SANTA ANA

Last Insp Date: 15 MAY 2018 Bus Type: VACANT PROPERTY

Insp Type: ROUTINE INSPECTION Insp Category: CATEGORY 2, HIGH HAZARDS

Alarm Type: 4.2 MANUAL/HEAT/SMOKE DET. - TO ALARM CO.

Sprinkler Type: 1 Wet Pipe, Supervised

Sprinkler Due Date: 01 DEC 2020

VIOLATIONS

Identify Date:

House Keeping: 0 Fire Protect: 0 High Piled: 0 Electrical: 0
Exiting: 0 Permit Related: 0 Hazmat Related: 0 Misc: 0

Notice Issued Dt:

Self Clr Issued Dt:

1st Reinsp clear: Date: 2nd Reinsp clear: Date:
3rd Reinsp clear: Date: 4th Reinsp clear: Date:
5th Reinsp clear: Date:

PERMITS : NO PERMITS FOUND *****

CHEMICALS

<u>Trade Name/ Comp Name</u>	<u>Component Cas#</u>	<u>Component Percent</u>	<u>Component Carcin</u>	<u>Component Ahm</u>	<u>Chem Id</u>	<u>Max Day Amt</u>	<u>Unit</u>
POLYVINYL ALCOHOL					678562	4455	LB
POLYVINYL ALCOHOL	9002895	100	N	N			

***** **END OF REPORT** *****



ORANGE COUNTY FIRE AUTHORITY

Report run on: July 12, 2018 2:46 PM

BUSINESS RECORDS AT: 2310 RED HILL
SANTA ANA

Bus Id: 117419 DBA: RICOH ELECTRONICS DRY TONER PLANT Status: Vacant
2310 RED HILL AV Bldg# Ste#
SANTA ANA

Last Insp Date: 15 MAY 2018 Bus Type: VACANT PROPERTY

Insp Type: ROUTINE INSPECTION Insp Category: CATEGORY 2, HIGH HAZARDS

Alarm Type: 4.2 MANUAL/HEAT/SMOKE DET. - TO ALARM CO.

Sprinkler Type: 1 Wet Pipe, Supervised

Sprinkler Due Date: 01 DEC 2020

VIOLATIONS

Identify Date:

House Keeping: 0	Fire Protect: 0	High Piled: 0	Electrical: 0
Exiting: 0	Permit Related: 0	Hazmat Related: 0	Misc: 0

Notice Issued Dt:

Self Clr Issued Dt:

1st Reinsp clear:	Date:	2nd Reinsp clear:	Date:
3rd Reinsp clear:	Date:	4th Reinsp clear:	Date:
5th Reinsp clear:	Date:		

PERMITS : NO PERMITS FOUND *****

CHEMICALS : NO CHEMICALS FOUND *****

***** END OF REPORT *****

**ORANGE COUNTY FIRE AUTHORITY**

Report run on: July 12, 2018 2:46 PM

BUSINESS RECORDS AT: 2320 RED HILL
SANTA ANA

Bus Id: 112721 **DBA:** RICOH ELECTRONICS INC **Status:** Vacant
2320 RED HILL AV Bldg# Ste#
SANTA ANA

Last Insp Date: 15 MAY 2018 **Bus Type:** VACANT PROPERTY

Insp Type: ROUTINE INSPECTION **Insp Category:** CATEGORY 2, HIGH HAZARDS

Alarm Type: 4.2 MANUAL/HEAT/SMOKE DET. - TO ALARM CO.

Sprinkler Type: 1 Wet Pipe, Supervised **Sprinkler Due Date:** 01 DEC 2020

VIOLATIONS

Identify Date:			
House Keeping: 0	Fire Protect: 0	High Piled: 0	Electrical: 0
Exiting: 0	Permit Related: 0	Hazmat Related: 0	Misc: 0
Notice Issued Dt:		Self Clr Issued Dt:	
1st Reinsp clear:	Date:	2nd Reinsp clear:	Date:
3rd Reinsp clear:	Date:	4th Reinsp clear:	Date:
5th Reinsp clear:	Date:		

PERMITS

<u>Permit No</u>	<u>Permit description</u>	<u>Issued Date</u>	<u>Expiration Date</u>	<u>Occupancy Load</u>
AF32R	Flammable Combustible Liquids-Reissuance	02 MAR 2017	02 MAR 2018	
AH12R	Hazardous Materials - Corrosive Reissuance	02 MAR 2017	02 MAR 2018	
AL1R	Liquefied Petroleum Gas Reissuance	02 MAR 2017	02 MAR 2018	
AW11R	Welding Carts Flammable gas up to 1000 cuft and Oxidiz	02 MAR 2017	02 MAR 2018	
M150	Administrative Drive Time	02 MAR 2017		

CHEMICALS

<u>Trade Name/ Comp Name</u>	<u>Component Cas#</u>	<u>Component Percent</u>	<u>Component Carcin</u>	<u>Component Ahm</u>	<u>Chem Id</u>	<u>Max Day Amt</u>	<u>Unit</u>
ARGON					678550	336	CF
ARGON	7440371	100	N	N			
OXYGEN					678552	337	CF
OXYGEN	7782447	100	N	N			
PLURONIC					678554	220	GA
PLURONIC	9003116	100	N	N			
DIMETHYL, METHYLHYDROGEN SILOXANE					678556	948	GA
DIMETHYL, METHYLHYDROGEN SILOXANE	68037592			N			



ORANGE COUNTY FIRE AUTHORITY

Report run on: July 12, 2018 2:46 PM

BUSINESS RECORDS AT: 2320 RED HILL
SANTA ANA

Bus Id: 112721 DBA: RICOH ELECTRONICS INC Status: Vacant
2320 RED HILL AV Bldg# Ste#
SANTA ANA

Last Insp Date: 15 MAY 2018 Bus Type: VACANT PROPERTY

Insp Type: ROUTINE INSPECTION Insp Category: CATEGORY 2, HIGH HAZARDS

Alarm Type: 4.2 MANUAL/HEAT/SMOKE DET. - TO ALARM CO.

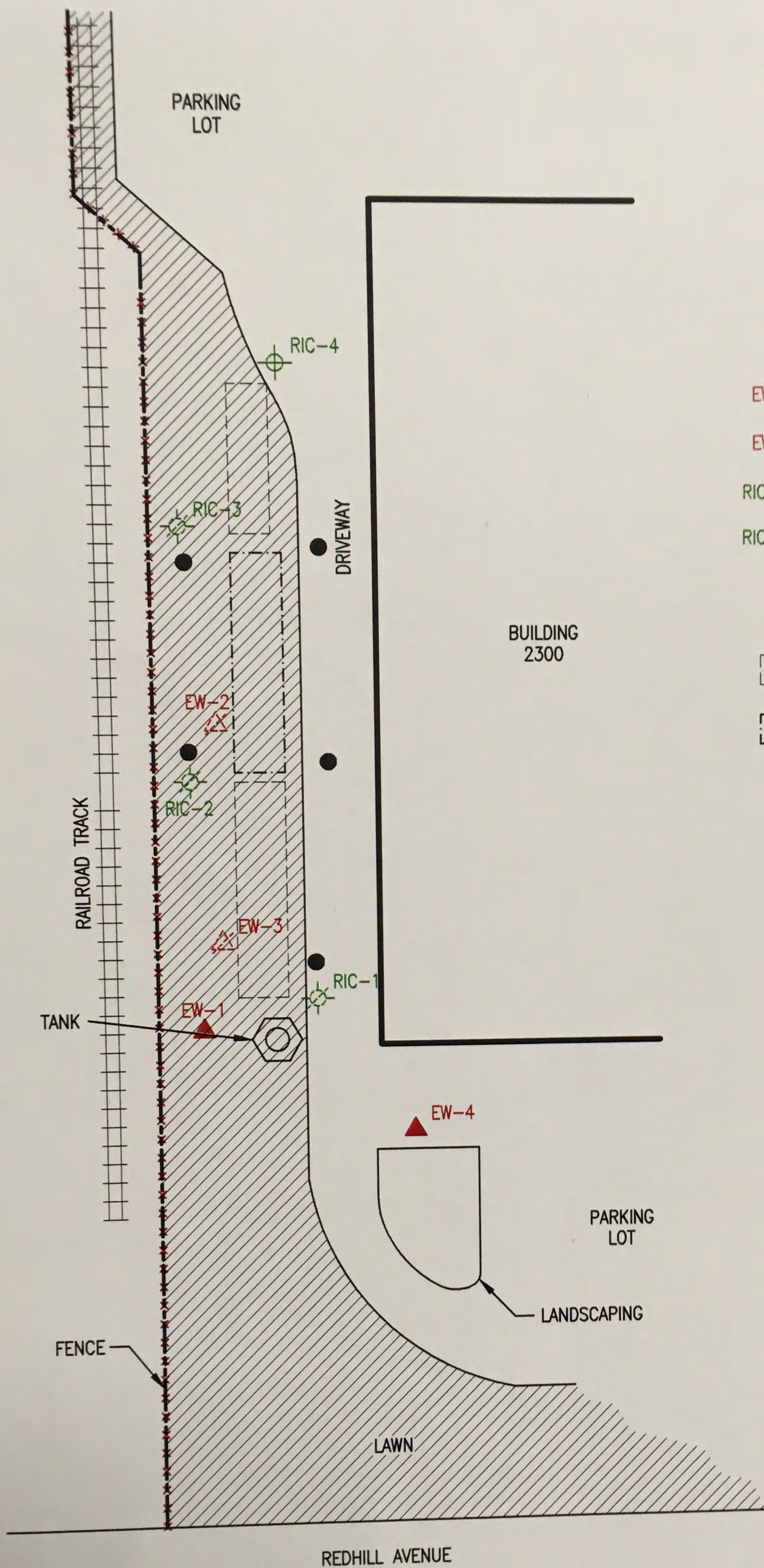
Sprinkler Type: 1 Wet Pipe, Supervised

Sprinkler Due Date: 01 DEC 2020

CHEMICALS

<u>Trade Name/ Comp Name</u>	<u>Component Cas#</u>	<u>Component Percent</u>	<u>Component Carcin</u>	<u>Component Ahm</u>	<u>Chem Id</u>	<u>Max Day Amt</u>	<u>Unit</u>
PROPANE PROPANE	74986	100	N	Y	678558	500	CF

***** END OF REPORT *****



EXPLANATION

- EW-1 ▲ EXTRACTION WELL (6" DIAMETER)
- EW-2 ▲ DESTROYED EXTRACTION WELL
- RIC-4 ⊕ MONITORING WELL
- RIC-3 ⊕ DESTROYED MONITORING WELL
- PROPOSED SOIL AND GRAB GROUNDWATER SAMPLING LOCATION
- ▭ PREVIOUS UNDERGROUND STORAGE TANK
- ▭ UNDERGROUND STORAGE TANK

REFERENCE: MODIFIED APPLIED GEOSCIENCES, INC. (1986, 1987)



Harding ESE
A MACTEC COMPANY

DWG BY
JTL

DATE
10/00

REV BY

**PROPOSED SOIL AND GRAB
GROUNDWATER SAMPLING LOCATIONS**

Ricoh Electronics
Costa Mesa, California

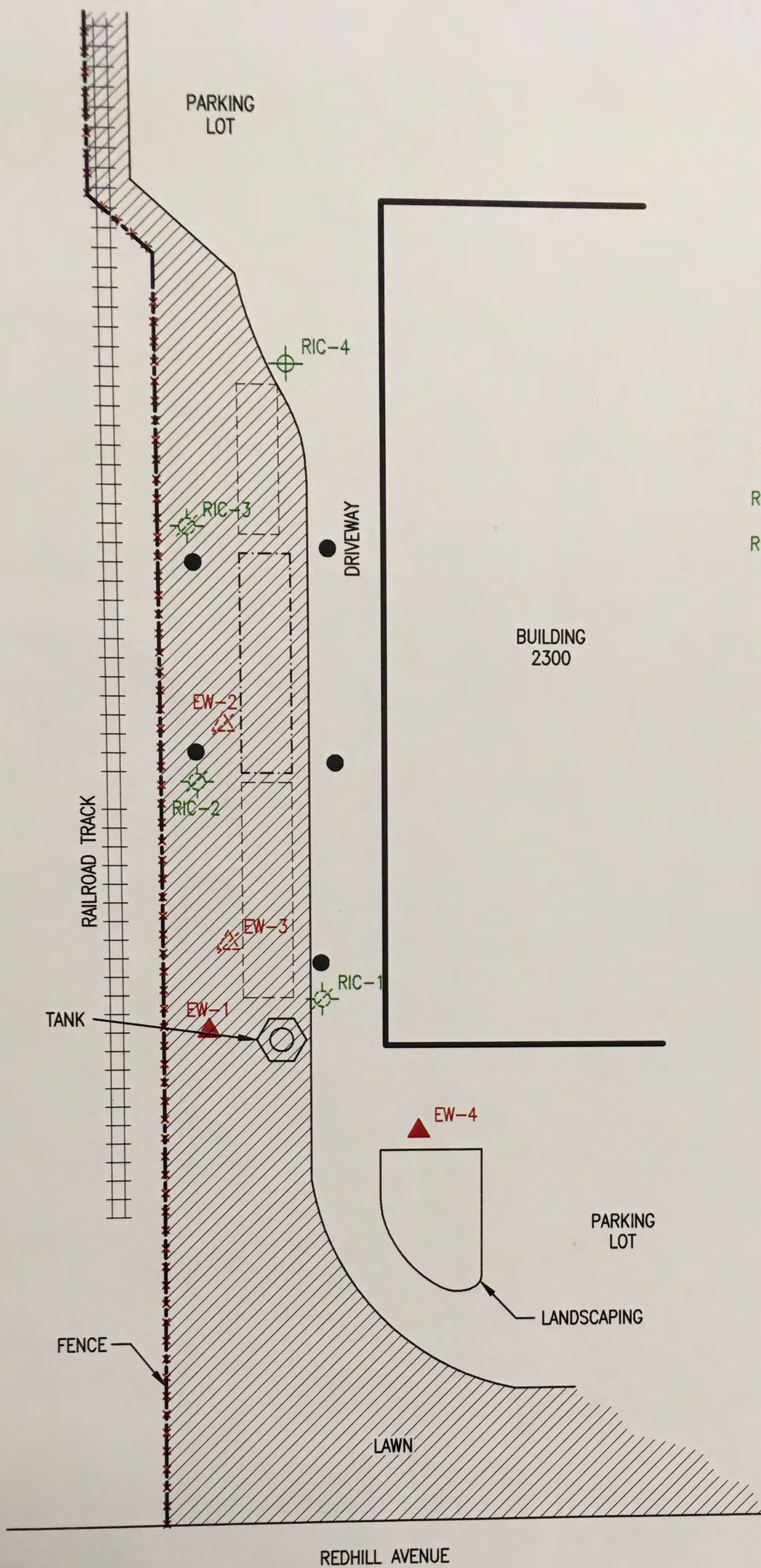
PLATE NO.

1

PROJECT NO.

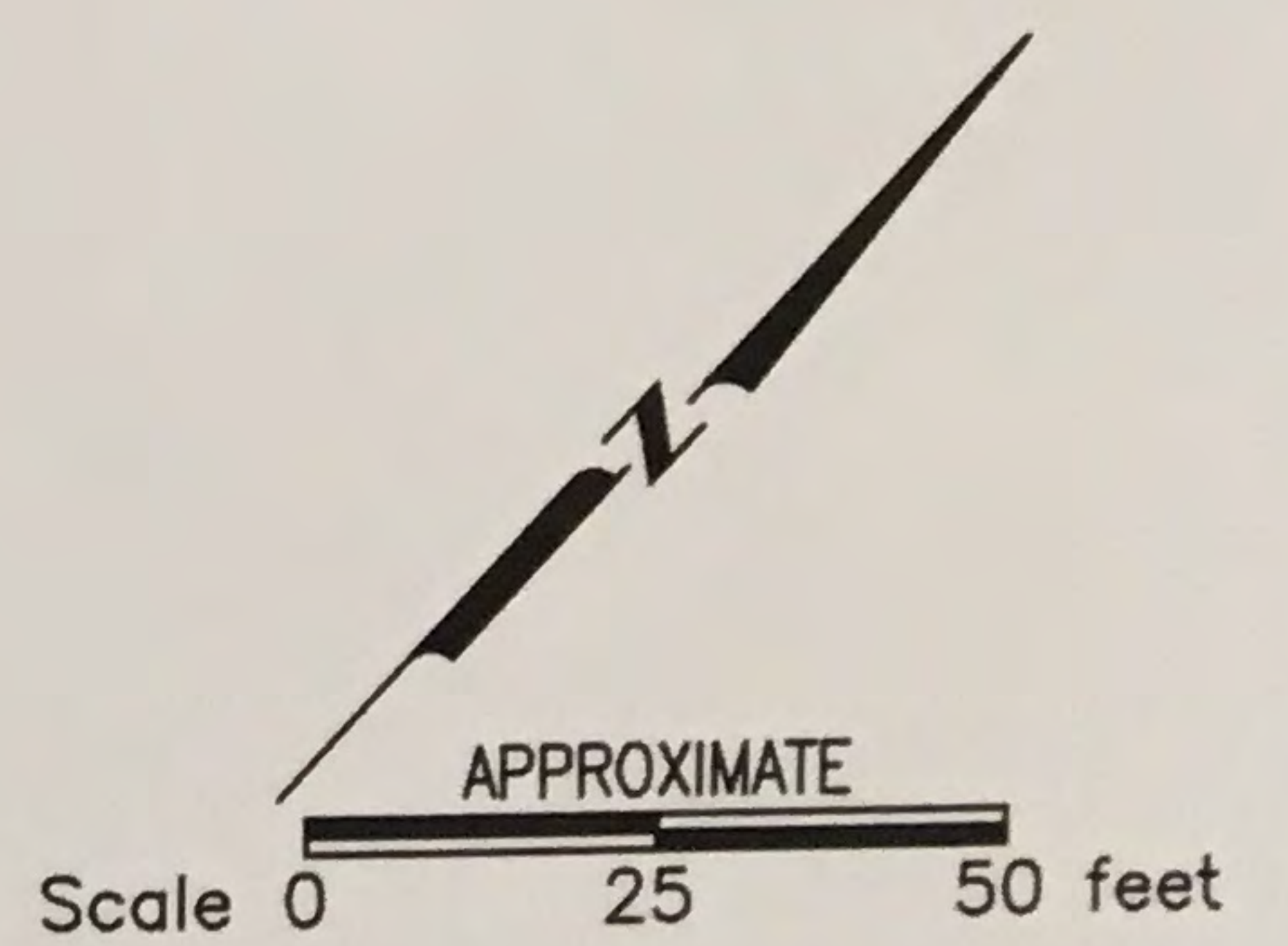
41081-4

NOTED: 10/24/00



EXPLANATION

- EW-1 ▲ EXTRACTION WELL (6" DIAMETER)
- EW-2 ▲ DESTROYED EXTRACTION WELL
- RIC-4 ⊕ MONITORING WELL
- RIC-3 ⊕ DESTROYED MONITORING WELL
- PROPOSED SOIL AND GRAB GROUNDWATER SAMPLING LOCATION
- ⌚ PREVIOUS UNDERGROUND STORAGE TANK
- ⌚ UNDERGROUND STORAGE TANK



REFERENCE: MODIFIED APPLIED GEOSCIENCES, INC. (1986, 1987)



Harding ESE
A MACTEC COMPANY

2171 CAMPUS DRIVE, SUITE 100
IRVINE, CA 92612

DWG BY
JTL
DATE
10/00
REV BY
REVISED

**PROPOSED SOIL AND GRAB
GROUNDWATER SAMPLING LOCATIONS**

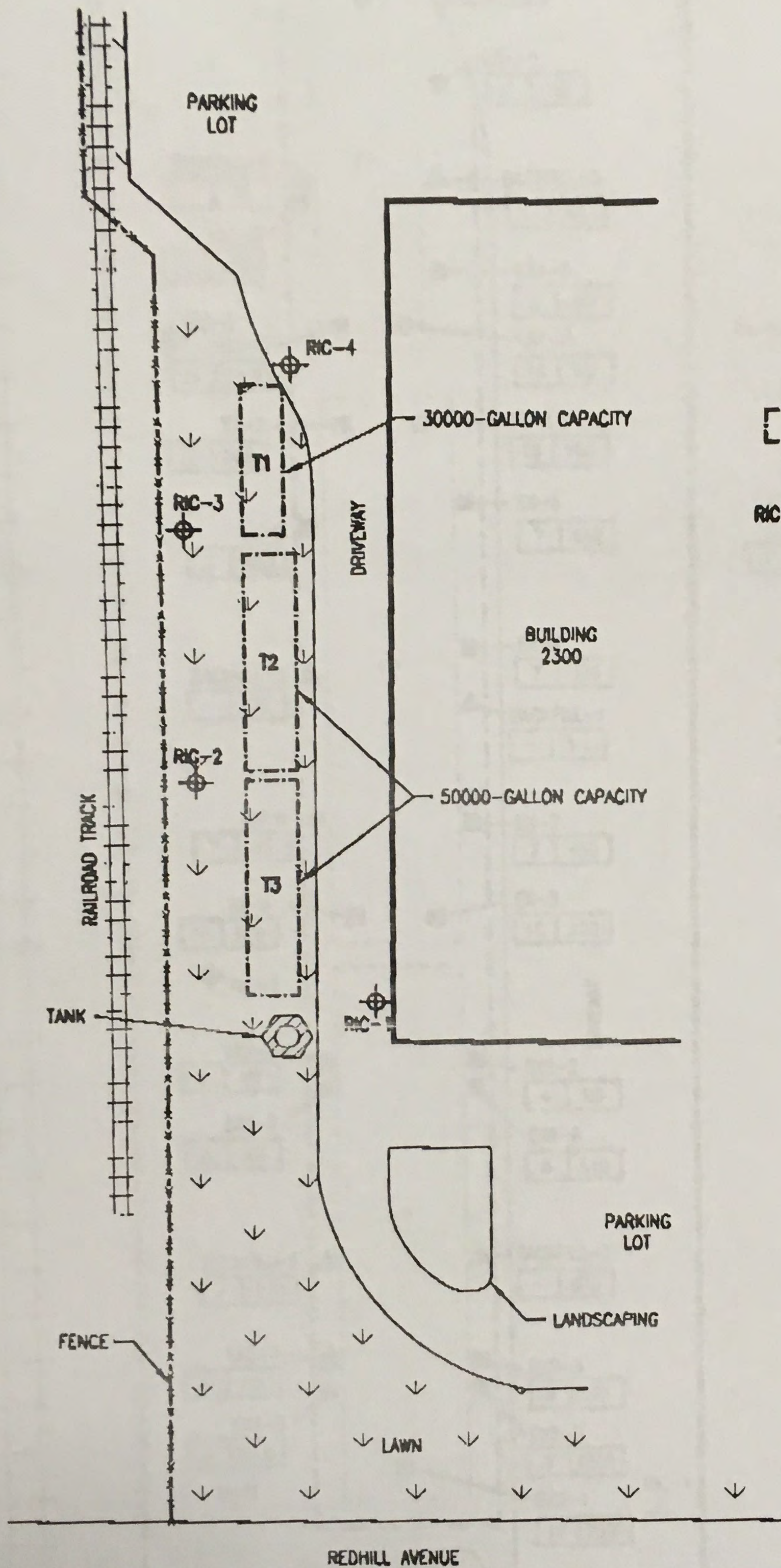
Ricoh Electronics
Santa Ana, California

PLATE NO.

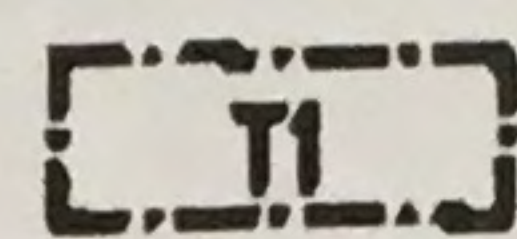
1

PROJECT NO.

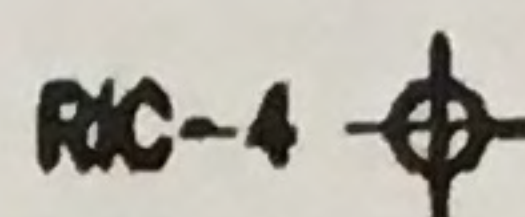
41981-4



EXPLANATION

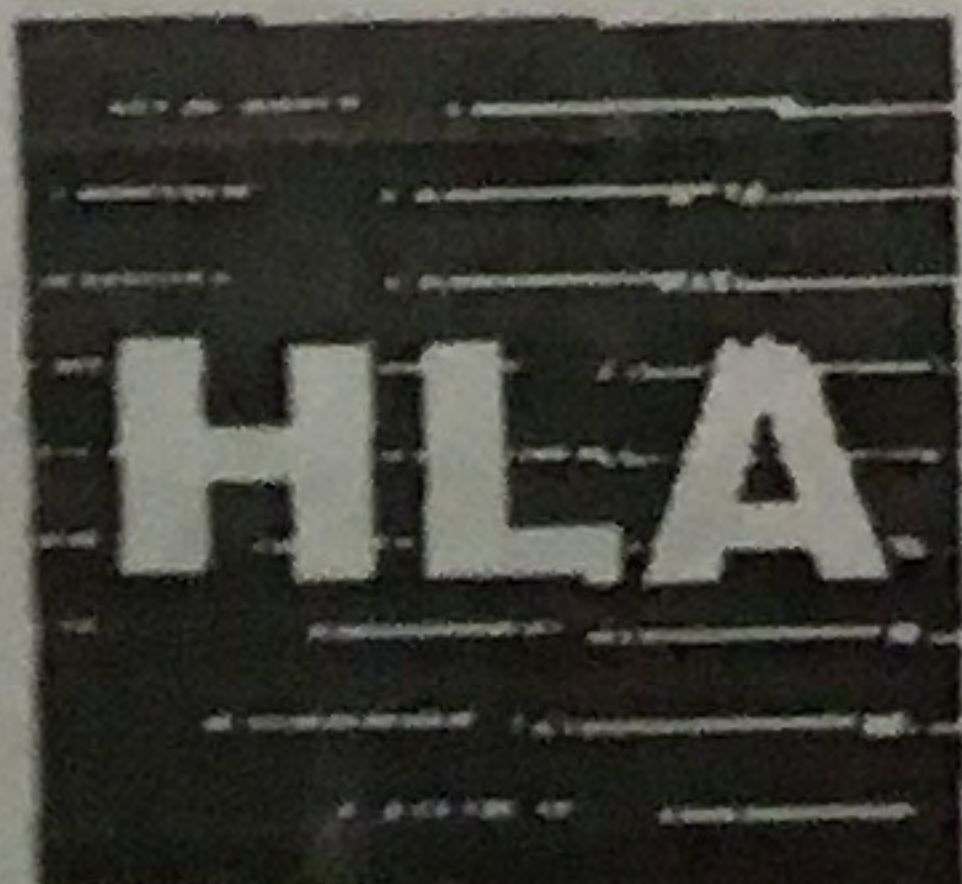


FORMER UNDERGROUND STORAGE TANK LOCATION, REMOVED AUGUST AND SEPTEMBER 1998



MONITORING WELL LOCATION

REFERENCE: MODIFIED APPLIED GEOSCIENCES, INC. (1986, 1987)



Harding Lawson Associates
Engineering and
Environmental Services

SITE PLAN
Ricoh Electronics
Santa Ana, California

PLATE
1

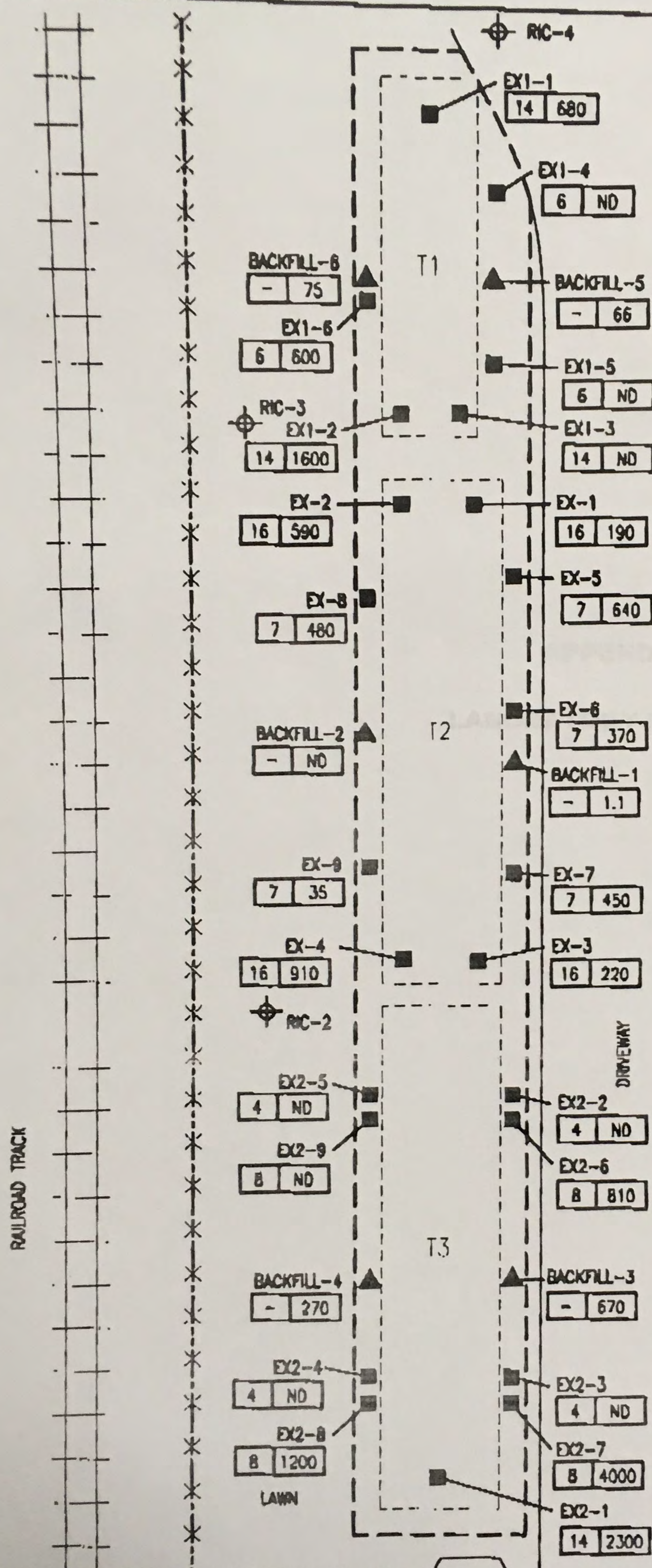
DRAWN
JTL

PROJECT-TASK NUMBER
41981-6

APPROVED

DATE
12/99

REVISED DATE



Harding Lawson Associates
Engineering and
Environmental Services

**SOIL SAMPLE LOCATIONS AND
ANALYTICAL RESULTS**
Ricoh Electronics
Santa Ana, California

DRAWN
JTL

PROJECT-TASK NUMBER
41981-6

APPROVED

DATE
12/99

REVISED DATE

APPENDIX A

List of Current Permits

RICOH Electronics, Inc.

Agency: Division of Occupational Safety and Health
Permit #: MO 3969 SFSP
Issuance Date: 04/29/83
Date of Expiration: 04/19/88
Description: Permit to operate air pressure tank - tank # 6371-83
SFSP

Agency: City of Santa Ana Fire Department
Permit #: 45512
Issuance Date: 02/01/88
Date of Expiration: -
Description: Permit for pneumatic line testing of primary product
line used for recovery and transfer of isopar to
temporary tank isopar

Agency: South Coast Air Quality Management District
Permit #: M 39904
Issuance Date: 08/17/84
Date of Expiration: 04/01/85
Description: Steam boiler, industrial boiler, five tube type, model
no. P-FDH-200-CG02M-150, Serial No. 20035, 10,200,000
BTU/hr., with a gas or oil fired model C5-G0-30 Burner.

Agency: South Coast Air Quality Management District
Permit #: M44892
Issuance Date: 07/11/85
Expiration Date: 04/01 - annually
Description: Filling system #2, toner, consisting of:
1) Drum unloading station
2) Baghouse, receiver, vacumax, pulse jet type, with
seven filter bags, each 6" Dia. x 2'-6" L., with
28.9 sq. ft. total filter area
3) Sifter sweco, model L5305610, 12 HP
4) Surge hopper, 3'-0" Dia. x 6'-7"H with pneumatic
vibrator
5) Two bottle filling machines, Toyokai model 102L-C
2-1/2 h.p. total, each with a 13 cubic feet suppl
hopper 2'-2" Dia. x 1'-10" H.

Agency: South Coast Air Quality Management District
Permit #: M 44894
Issuance Date: 07/11/85
Expiration Date: 04/01 - annually

Description: Air pollution control system consisting of:
1) Baghouse, Schick, pulse jet type, model 58-HV-18, with 18 filter bags, each 5-3/4" Dia. x 5'-0" L.
2) Cyclone separator, 1'-11" Dia. x 4'-4" H.
3) Exhaust system with 5 h.p. Blower venting two bottle filling stations and bottle cleanup station of the toner Filling System No. 2

Agency: South Coast Air Quality Management District
Permit #: M 59541
Issuance Date: 12/02/87
Expiration Date: 04/01 - annually

Description: Developer Filling System No. 4 consisting of:

- 1) Portable Hopper Unloading System
- 2) Baghouse separator, vacumax, 12" Dia. x 1'-6" H, Model 106001, with 7 filter bags, each 3" Dia. x 1' 4" L.
- 3) Drum dumping station, with a 1/3 h.p. drum lifter
- 4) Developer receiving hopper, 2" Dia. x 1'-5" H.
- 5) Surge hopper, 2' Dia. x 3' H.
- 6) Bottle filling machine, all fill, Model 30264, 5 h.p. total, with integral 6 cu. ft. feed hopper

Agency: South Coast Air Quality Management District
Application #: 139365
Issuance Date: 06/11/86
Expiration Date: -
Description: C-Spira Coater

Agency: South Coast Air Quality Management District
Application #: 139366
Issuance Date: 06/11/86
Expiration Date: -
Description: Dryer

Agency: South Coast Air Quality Management District
Permit #: M 34937
Issuance Date: 11/22/83
Expiration Date: 12/16/84
Description: Air Pollution Control System Consisting of:
1) Wash tower, ID No. D-401, with one 15 h.p. pump
2) Adsorber, ID No. D-402 A&B, with steam recovery system
3) Exhaust system with one 40 h.p. exhaust fan venting two spiracoaters and one oven.

Agency: South Coast Air Quality Management District
Permit #: M 34938
Issuance Date: 11/22/83
Expiration Date: 12/16/84
Description: Spiracoater, ID No. D-201A, with one 10 h.p. and one 5 h.p. blower.

Agency: South Coast Air Quality Management District
Permit #: M 34939
Issuance Date: 11/22/83
Expiration Date: 12/16/84
Description: Spiracoater, ID No. D-201B, with one 10 h.p. and one 5 h.p. blower.

Agency: South Coast Air Quality Management District
Permit #: M 47179
Issuance Date: 01/03/86
Expiration Date: 04/01 Annually
Description: Air Pollution Control System, B-1 Toner, consisting of:
1) Baghouse, Mikropul, pulse jet type, model 121 S10 TR, with 121 filter bags, each 4-1/2" Dia. x 10'-0" L., with a 1/2 h.p. rotary discharge valve
2) Exhaust System with a 40 h.p. Blower Venting: three combination storage and weigh hoppers in the B-0, B-1 and B-2 Toner Production System; two feed hoppers and a drum loading station in the B-1 toner milling and classifying system; the weigh feeder hopper and air sieve feeder hopper in the B-1 toner particle treatment system.

Agency: South Coast Air Quality Management District
Permit #: M 34937
Issuance Date: 11/22/83
Expiration Date: 12/16/84
Description: Air Pollution Control System Consisting of:
1) Wash tower, ID No. D-401, with one 15 h.p. pump
2) Adsorber, ID No. D-402 A&B, with steam recovery system
3) Exhaust system with one 40 h.p. exhaust fan venting two spiracoaters and one oven.

Agency: South Coast Air Quality Management District
Permit #: M 34938
Issuance Date: 11/22/83
Expiration Date: 12/16/84
Description: Spiracoater, ID No. D-201A, with one 10 h.p. and one 5 h.p. blower.

Agency: South Coast Air Quality Management District
Permit #: M 34939
Issuance Date: 11/22/83
Expiration Date: 12/16/84
Description: Spiracoater, ID No. D-201B, with one 10 h.p. and one 5 h.p. blower.

Agency: South Coast Air Quality Management District
Permit #: M 47179
Issuance Date: 01/03/86
Expiration Date: 04/01 Annually
Description: Air Pollution Control System, B-1 Toner, consisting of:
1) Baghouse, Mikropul, pulse jet type, model 121 S10 TR, with 121 filter bags, each 4-1/2" Dia. x 10'-0" L., with a 1/2 h.p. rotary discharge valve.
2) Exhaust System with a 40 h.p. Blower Venting: three combination storage and weigh hoppers in the B-0, B-1 and B-2 Toner Production System; two feeder hoppers and a drum loading station in the B-1 toner milling and classifying system; the weigh feeder hopper and air sieve feeder hopper in the B-1 toner particle treatment system.

Agency: South Coast Air Quality Management District
Permit #: M 34940
Issuance Date: 11/22/83
Expiration Date: 12/16/84
Description: Oven, ID No. M-301; 21 KW electrically heated, with one h.p. exhaust blower.

Agency: South Coast Air Quality Management District
Permit #: M 47183
Issuance Date: 01/03/86
Expiration Date: 04/01 annually
Description: Air Pollution Control System consisting of:
1) Baghouse, vacumex, reverse air type, with seven filter bags, each 6" Dia. x 1'-6" L.
2) Exhaust system with a 5 h.p. blower venting a baghouse separator in the B-2 toner particle treatment system.

Agency: South Coast Air Quality Management District
Permit #: M47184
Issuance Date: 01/03/86
Expiration Date: 04/01 annually
Description: Air Pollution System consisting of:
1) Baghouse Nippon Pneumatic Mfg. Co Ltd., Model PBF-40, with 50 filter bags, each L 1-3/4" W. x 8-1/4" L. x 4'-11" H.
2) Exhaust system with a 20 h.p. blower venting the dispersion separator and a cyclone separator in the B-2 toner milling and classifying system.

Agency: South Coast Air Quality Management District
Permit #: M 47181
Issuance Date: 01/03/88
Expiration Date: 04/01 annually
Description: Raw Material Receiving System Consisting Of:
1) Four bucket unloading stations
2) Four baghouse separators, vacumax, reverse air type, each with 7 bag filters, each 6" Dia. x 2'-6" L.
3) Two weigh feeders, acrison, each 1 h.p. and each with an integral 40 cu. ft. supply hopper
4) Two weigh feeders, acrison, each 1 h.p. and each with an integral supply hopper, one 20 cu. ft. and other 10 cu. ft.
5) Five bucket loading stations
6) Material make-up station

Agency: South Coast Air Quality Management District
Permit #: M 47185
Issuance Date: 01/03/86
Expiration Date: 04/01 annually
Description: Air Pollution Control System, Central Vacuum Cleaning,
Consisting of:
1) Cyclone separator, Ross Cook Inc., 2'-6" Dia. x 7'-7" H., with a 28 cu. ft. hopper.
2) Baghouse, Ross Cook Inc., manual shaker type, with 24 filter bags, each 6-1/4" Dia. x 7'-3" L.
3) Exhaust system, with a 20 h.p. blower venting various baghouse hoppers, cyclone hoppers, portable hoppers, air sieves, classifier material transfer points, and various housecleaning stations throughout the toner manufacturing area.

Agency: South Coast Air Quality Management District
Permit #: M47186
Issuance Date: 01/03/86
Expiration Date: 04/01/Annually
Description: Air pollution control system consisting of:
1) Prefilter, vacumax, reverse air type, with seven filter bags, each 6" Dia. x 2' -6" L.
2) Baghouse, vacumax, reverse air type, with seven filter bags, each 6" Dia. x 2' -6" L.
3) Exhaust system with a 5 h.p. blower venting four baghouse separators in the raw material receiving system and a mixer in the B-1 and B-2 production system.

Agency: South Coast Air Quality management District
Permit #: 47187
Issuance Date: 01/03/86
Expiration Date: 04/01/Annually
Description: B-2 toner milling and classifying system consisting of:
1) Three screw conveyor feeders, each 3 h.p.
2) Three air ejectors.
3) Dispersion separator, Nippon Pneumatic Mfg. Co. Ltd.
4) Jet mill, Nippon Pneumatic Mfg. Co. Ltd., Type PJM-J-10, 1/2 h.p.
5) Cyclone separator, Nipon Pneumatic Mfg. Co. Ltd., 1' -3" Dia. x 5' -10" H. with an integral hopper, 0.35 cu. ft. capacity
6) Surge hopper, cyclone separator
7) Volumetric feeder, primary classifier, acrison, 2 h.p. with an integral 15 cu. ft. supply hopper
8) Pneumatic conveyor, with two air ejectors
9) Primary classifier, vibra screw, model MS2, 5 h.p., with a 1/2 h.p. rotary discharge valve

- 10) Volumetric feeder, secondary classifier, acrison, 2 h.p. with an integral 15 cu. ft. supply hopper
- 11) Secondary classifier, mikropul, 3 h.p., with a 1/2 h.p. rotary discharge valve
- 12) Two cyclone separators, secondary classifier, wach 1' -9" Dia. x 7' -0" H., and each with a 1/2 h.p. rotary discharge valve
- 13) Drum loading station

Agency: South Coast Air Quality Management District
 Permit #: M47188
 Issuance Date: 01/03/86
 Expiration Date: 04/01/Annually
 Description: Toner particle treatment system, B-2, consisting of:

- 1) Drum unloading station
- 2) Baghouse separator, vacumax, reverse air type, with seven filter bags, each 6" Dia. x 2' -6" L.
- 3) Weigh feeder, acrison, 2 h.p., with an integral 30 cu. ft. supply hopper.
- 4) Weigh feeder, air sieve, acrison, 2 h.p., with an integral 15 cu. ft. supply hopper
- 5) Air sieve, Sweco, 3 h.p.
- 6) Cyclone separator, Schick, 1' -4" Dia. x 4' -4" H., with an integral hopper
- 7) Drum loading station

Agency: South Coast Air Quality Management District
 Permit #: M47194
 Issuance Date: 01/03/86
 Expiration Date: 04/01/Annually
 Description: Air pollution control system consisting of:

- 1) Baghouse, mikropul, pulse jet type, model 144S10TR, with 144 filter bags, 4 1/2" Dia. x 10' -0" L., with a 1/2 h.p. rotary discharge valve
- 2) Two baghouses, Schick, pulse jet type, model 58-HV-8, with eight filter bags, each 5 1/2" Dia. x 5' -0" L., and each with a 10 h.p. blower and a 1/2 h.p. rotary discharge valve
- 3) Three baghouses, Schick, pulse jet type, model 58-HV-46, with 46 filter bags, each 5 3/4" Dia. x 5' -0" L., and each with a 20 h.p. blower and a 1/2 h.p. rotary discharge valve
- 4) Two baghouses, Schick, pulse jet type, model 58-HV-58, with eighteen filter bags, each 5 3/4" Dia. x 5' -0" L., and each with a 10 h.p. blower and a 1/2 h.p. rotary discharge valve.
- 5) Exhaust system with a 50 h.p. blower venting four drum unloading stations, a material make-up station,

four feeder hoppers and five drum loading stations of the raw material receiving system; a kneader feeder, a kneader, a pulverizer, six cyclone separators and three combination storage/weigh hoppers of the B-0, B-1, B-2 toner production system; two cyclone separators of the B-1 toner milling and classification system; a cyclone separator of the B-1 toner particle treatment system; two feeder hoppers, two cyclone separators, and a drum loading station of the B-2 toner milling and classifying system; two feeder hoppers and a cyclone separator of the B-2 toner particle treatment system.

Agency: South Coast Air Quality Management District
Permit #: M47182
Issuance Date: 01/03/86
Expiration Date: 04/01/Annually
Description: Toner particle treatment system, B-1, consisting of:

- 1) Drum unloading station
- 2) Baghouse separator, Vacumax, reverse air type, with seven filter bags, each 6" Dia. x 2' -6" L.
- 3) Weigh feeder, Acrison, 2 h.p., with an integral 30 cu. ft. supply hopper
- 4) Weigh feeder, Acrison, 2 h.p., with an integral 15 cu. ft. supply hopper
- 5) Air sieve, Sweco, 3 h.p.
- 6) Cyclone separator, Schick, 1' -4" Dia. x 5' -4" H., with an integral hopper
- 7) Drum loading station

Agency: South Coast Air Quality Management District
Permit #: M47189
Issuance Date: 01/03/86
Expiration Date: 04/01/Annually
Description: B-0, B-1 and B-2 toner production system consisting of:

- 1) Bucket unloading station
- 2) Mixer, raw material, Henshel, model FM200C, 19 cu. ft. capacity with a 25 h.p. motor
- 3) Kneader feeder, Acrison, 2 h.p., with an integral 20 cu. ft. supply hopper
- 4) Kneader, Buss Condux, model PLK100, 75 h.p.
- 5) cooling belt, Buss Condux, 2 h.p., with a squeeze roll, a frame transporter, 1/3 h.p. and a crusher, 3/4 h.p.
- 6) Hopper, kneader waste, 2 cu. ft.
- 7) Feed hopper, material surge, with a 1 h.p. screw conveyor

- 8) Pulverizer, Pulverizing Machinery Corp., model 2DH, 15 h.p., with a 1/2 h.p. screw conveyor
- 9) Three cyclone separators, B-1 toner system, 1' -4" Dia. x 3' -6" H., each with a 1/2 h.p. rotary discharge valve (common with B-3 toner production system)
- 10) Three cyclone separators, B-2 toner system, 1' -4" Dia. x 3' -6" H., each with a 1/2 h.p. rotary discharge valve (common with B-3 toner production system)
- 11) Three combination storage and weigh hoppers, B-1 toner system, each with 100 cu. ft. capacity and two 1 h.p. bin activator motors (common with B-3 toner production system)
- 12) Three combination storage and weigh hoppers, B-2 toner system, each with 100 cu. ft. capacity and two 1 h.p. bin activator motors (common with B-3 toner production system)
- 13) Three cyclone separators, B-0 toner system, 0' -11" Dia. x 3' -6" H., each with a 1/2 h.p. rotary discharge valve (common with B-3 toner production system)
- 14) Three combination storage and weigh hoppers, B-0 toner system, each with 150 cu. ft. capacity, a 2 h.p. bin activator motor and a filter vent bag, 4" Dia. x 6' -0" H. (common with B-3 toner production system)

Agency: South Coast Air Quality Management District
 Permit #: M47180
 Issuance Date: 01/03/86
 Expiration Date: 04/01/Annually
 Description: Air pollution control system consisting of:

- 1) Baghouse, vacuum, reverse air type, with seven filter bags, each 6" Dia. x 2' -6" L.
- 2) Exhaust system with a 5 h.p. blower venting a baghouse separator of the B-3 toner particle treatment system

Agency: South Coast Air Quality Management District
Permit #: M47190
Issuance Date: 01/03/86
Expiration Date: 04/01/Annually
Description: Air pollution control system consisting of:
1) Baghouse, Mikropul, pulse jet type, model 12-8-160 with 12 felt bags, each 4 1/2" Dia. x 8' -0" H. with a 1/2 h.p. rotary discharge valve
2) Exhaust system with a 15 h.p. blower venting three cyclone separators in the B-0 toner system

Agency: South Coast Air Quality Management District
Permit #: M47192
Issuance Date: 01/03/86
Expiration Date: 04/01/Annually
Description: Air pollution control system consisting of:
1) Baghouse, Nippon Pneumatic Mfg. Co., Ltd., reverse pulse air, model PBF-40, with 50 filter bags, each 1 3/4" W. x 8 1/4" L. x 4' -11" H.
2) Exhaust system with a 20 h.p. blower venting a dispersion separator and a cyclone separator of the B-1 toner milling and classifying system

Agency: South Coast Air Quality Management District
Permit #: M47193
Issuance Date: 01/03/86
Expiration Date: 04/01 Annually
Description: Air pollution control system consisting of:
1) Baghouse, Nippon Pneumatic Mfg. Co., Ltd., reverse pulse air, model PBF-40, with 50 filter bags, each 1 3/4" W. x 8 1/4" L. x 4' -11" H.
2) Exhaust system with a 20 h.p. blower venting a dispersion separator and a cyclone separator of the B-1 toner milling and classifying system

Agency: South Coast Air Quality Management District
Permit #: M47191
Issuance Date: 01/03/86
Expiration Date: 04/01 Annually
Description: B-1 toner milling and classifying system consisting of:
1) Six screw conveyor feeders, 1 h.p. each
2) Six air ejectors
3) Two dispersion separators
4) Two jet mills, Nippon Pneumatic Mfg. Co. Ltd., type PJM-I-10, 1/2 h.p. each
5) Two cyclone separators, Jet Mills Nippon Pneumatic Mfg. Co., Ltd., 1' -3" Dia. x 5' -10" H. with

- integral hoppers
- 6) Screw conveyor, 1 h.p.
- 7) Hopper
- 8) Two screw conveyors, 1 h.p. each, with an integral hopper
- 9) Portable hopper loading station
- 10) Hopper, classifier, 15 cu. ft. capacity with a screw conveyor feeder, 2 h.p.
- 11) Ejector
- 12) Classifier, Mikropul model MS2 with a 3 h.p. motor and two rotary discharge valves, 1/2 h.p. each
- 13) Two cyclone separators, classifier, 2' -0" Dia. x 7' -0" H., each with a 1/2 h.p. rotary discharge valve
- 14) Hopper, classifier cyclone, 22 cu. ft. capacity with two screw conveyor feeders, 1 h.p. each
- 15) Drum filling station

Agency: South Coast Air Quality Management District
 Application #: 128599
 Issuance Date: 06/11/86
 Expiration Date: -
 Description: Filling Machine #4, Dry Powder

Agency: South Coast Air Quality Management District
 Application #: 125848
 Issuance Date: 06/11/86
 Expiration Date: -
 Description: General Vacuum Cleaning System

Agency: South Coast Air Quality Management District
 Application #: 124983
 Issuance Date: 06/11/86
 Expiration Date: -
 Description: Vacuum Collection System

Agency: South Coast Air Quality Management District
 Application #: 124982
 Issuance Date: 06/11/86
 Expiration Date: -
 Description: B-3 Mixing System

Agency: South Coast Air Quality Management District
Application #: 124981
Issuance Date: 06/11/86
Expiration Date: -
Description: B-3 Milling and Classification System

Agency: South Coast Air Quality Management District
Application #: 124980
Issuance Date: 06/11/86
Expiration Date: -
Description: B-3 Mixing, Kneading, Grinding and Storage

Agency: South Coast Air Quality Management District
Application No: 124979
Issuance Date: 06/11/86
Expiration Date: -
Description: Raw Material Receiving System

Agency: South Coast Air Quality Management District
Application No: 124289
Issuance Date: 06/11/86
Expiration Date: -
Description: Baghouse, B-3 Mixing System

Agency: South Coast Air Quality Management District
Application #: 124288
Issuance Date: 06/11/86
Expiration Date: -
Description: Baghouse, Mikro Plex Cyclone

Agency: South Coast Air Quality Management District
Application #: 124287
Issuance Date: 06/11/86
Expiration Date: -
Description: Baghouse, Mikro Plex Cyclone

Agency: South Coast Air Quality Management District
Application #: 124286
Issuance Date: 06/11/86
Expiration Date: -
Description: Baghouse, Mikro Separator Cyclone

Agency: South Coast Air Quality Management District
Application #: 124285
Issuance Date: 06/11/86
Expiration Date: -
Description: Baghouse, Air Sieve Cyclone

Agency: South Coast Air Quality Management District
Application #: 124284
Issuance Date: 06/11/86
Expiration Date: -
Description: Baghouse, Classifier

Agency: South Coast Air Quality Management District
Application #: 124283
Issuance Date: 06/11/86
Expiration Date: -
Description: Baghouse, Classifier

Agency: South Coast Air Quality Management District
Application #: 124282
Issuance Date: 06/11/86
Expiration Date: -
Description: Baghouse, Raw Material Receiving

Agency: South Coast Air Quality Management District
Application #: 124281
Issuance Date: 06/11/86
Expiration Date: -
Description: Baghouse, Henshel Mixer

Agency: South Coast Air Quality Management District
Application #: 157767
Issuance Date: 07/01/87
Expiration Date: Two years from date of filing of application
Description: Alternation to the B-3 toner milling and classifying system by the removal of:

- 1) Weigh feeder, Acrison, model no. 140S-K/2, 3 h.p., with an integral 15 cu. ft. supply hopper
- 2) Separator, Mikropul, model MS-2, 20' Dia. x 6' -11" H., 3 h.p., with a 1/2 h.p. rotary valve
- 3) Hopper, return conveyors, 1' -0" W. x 1' -0" L. x 7" H.
- 4) Two screw conveyors, Jet Mill Recycle, 2" Dia. x 25' -0" L., each 1/2 h.p.
- 5) Cyclone separator, high efficiency, Ducon, size 30, type ME-1200/111, 22-1/2" Dia. x 6' -7" H.

Agency: South Coast Air Quality Management District
Application #: 162114
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Styrene acrylic polymer blending and weigh system "A"
consisting of:
1) Hopper, hand charged, 1' -8" W. x 2' -0" L. x 2' -0" H.
2) Mixer M-102, 2' -7" L. x 3' -11" W., 5.3 cubic feet capacity, with one 1-hp drive, and one discharge screw conveyor, 0' -3" Dia. x 3' -0" L., 1 h.p.
3) Weigh station, W-103, with a 22 liter receiver and platform scales

Agency: South Coast Air Quality Management District
Application #: 162115
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Ferrosoferric oxide blending and weigh system "C"
consisting of:
1) Hopper, hand charged, 1' -8" W. x 2' -0" L. x 2' -0" H.
2) Mixer M-113, 2' -7" L. x 3' -11" W., 5.3 cubic feet capacity, with one 1-hp drive, and one discharge screw conveyor, 0' -3" Dia. x 3' -0" L., 1 h.p.
3) Weigh station W-114, with a 22 liter receiver and platform scales

Agency: South Coast Air Quality Management District
Application #: 162116
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Styrene acrylic polymer blending and weigh system "G"
consisting of:
1) Hopper, pneumatically charged, 2' -8" W. x 6' -3" H., with baghouse separator F-107, Nara Machinery, model JCFC-3.6, pulse jet, with 19 bags, polyester material, each 0' -3" Dia. x 2' -8" L., 36 square feet of filter area
2) Mixer M-108, 2' -10" W. x 5' -1" L. x 6' -2" H., 17.66 cubic feet capacity, with one 2-hp drive, and a discharge screw conveyor, 0' -5" Dia. x 3' -8" L., 2 h.p.
3) Weigh station W-109, with one 45 liter receiver and platform scales

Agency: South Coast Air Quality Management District
Application #: 162117
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing an application
Description: Styrene acrylic polymer blending and weigh system "A" consisting of:
1) Hopper, pneumatically charged, 2' -8" W. x 6' -3" H., with baghouse separator F-110, Nara Machinery, model JCFC-3.6, pulse jet, with 19 bags, polyester material, each 0' -3" Dia. x 2' -8" L., 39 square feet of filter area
2) Mixer M-112, 2' -10" W. x 5' -1" L. x 6' -2" H., 17.66 cubic feet capacity, with one 2-hp drive, and a discharge screw conveyor, 0' -5" Dia. x 3' -8" L., 2 h.p.
3) Weigh station W-112, with one 45 liter receiver and platform scales

Agency: South Coast Air Quality Management District
Application #: 162118
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Polyolefine blending and weigh system "B" consisting of:
1) Hopper, hand charged, 2' -2" W. x 2' -6" L. x 3' -4" H.
2) Mixer M-105, 3' -0" W. x 3' -5" L. x 2' -1" H., 12.36 cubic feet capacity, with one 2-hp drive, and a discharge screw conveyor, 0' -4" Dia. x 3' -8" L., 2 h.p.
3) Weigh station W-106, with one 45 liter receiver and platform scales

Agency: South Coast Air Quality Management District
Application #: 162119
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Carbon black blending and weigh system "I" consisting of:
1) Hopper, hand charged, 2' -2" W. x 2' -6" L. x 3' -4" H.
2) Mixer M-115, 3' -0" W. x 3' -5" L. x 2' -1" H., 12.36 cubic feet capacity, with one 2-hp drive, and a discharge screw conveyor, 0' -4" Dia. x 3' -8" L., 2 h.p.
3) Weigh station W-116, with one 45 liter receiver and platform scales

Agency: South Coast Air Quality Management District
Application #: 162120
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Air pollution control system consisting of:
1) Baghouse F-117, ACD Co., model ASC-9-4-TR, pulse jet type, with 9 bags, polyester material, each 0' -4 1/2" Dia. x 3' -10" L., 43 square feet of filter area
2) Exhaust system with one 7-1/2 h.p. blower venting two baghouse separators

Agency: South Coast Air Quality Management District
Application #: 162121
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Toner mixing and kneading system consisting of:
1) Hopper, pneumatically charged, 4' -3" W. x 8' -6" L. x 7' -9" H., with baghouse F-201, Nara Machinery, model JCFC-3.6 (5), pulse jet, with 19 bags, polyester material, each 0' -3" Dia. x 2' -8" L., 39 square feet of filter area
2) Mixer M-204, 5' -3" W. x 4' -11" L. x 5' -11" H., 7.06 cubic feet
3) Feeder W-205, 3' -8" W. x 4' -6" L. x 5' -9" H., 10.6 cubic feet capacity, with a screw conveyor, 0' -8" Dia. x 1' -6" L., 2 h.p.
4) Kneader M-206, 2' -8" W. x 10' -10" L. x 8' -0" H., with 54 k.W. heaters, one 10.6 cubic feet charge hopper, and one 118 h.p. drive
5) Belt conveyor M-207, cooling, 4' 3" W. x 5' -2" H. x 20' -6" L., with one h.p. drive and one two way diverter valve
6) Pulverizer M-211, Hosokawa Micron Corporaiton, type AP-2DH, with one 15 h.p. drive, and one feed screw
7) Cyclone receiver C-221, NSE CD., 3' -9" Dia. x 6' -2" L.
8) Platform scale W-212, 4'3" W. x 4' -11" L. x 0' -11" H.

Agency: South Coast Air Quality Management District
Application #: 162123
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Air pollution control system consisting of:
1) Baghouse F-202, ACD Co., model ASC-9-4-TR, pulse jet type, with 9 bags, polyester material, each 0' - 1/2" Dia. x 3' -10" L., 43 square feet of filter area
2) Exhaust system with one 7-1/2 h.p. blower venting a hopper with a baghouse

Agency: South Coast Air Quality Management District
Application #: 162124
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Air pollution control system consisting of:
1) Baghouse F-251, ACD Co., model AS-81-8-TR, pulse jet type, polyester material, each 0' -4 1/2" Dia. x 7' -10" L., 753 square feet of filter area
2) Exhaust system with one 15 h.p. blower venting four batch charging hoppers, six weigh stations, weigh bin, three baghouse discharges, one mixer, one feeder, one kneader, one belt conveyor, one pulverizer, one platform scale, and one vacuum cleaning baghouse discharge

Agency: South Coast Air Quality Management District
Application #: 162126
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Air pollution control system consisting of:
1. Baghouse F-513, ACD Co., type AS-36-6-TR, pulse jet type, polyester material, with 36 bags, each 0'-4 1/2" Dia. x 5'-10" L., 248 square feet of filter area.
2. Exhaust system with a 7-1/2 H.P. blower venting a cyclone.

Agency: South Coast Air Quality Management District
Application #: 162125
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Toner dry screening and milling system consisting of:
1. Tote bin M-301.
2. Receiving chute M-302, 0'-8" W. x 3'-8" L. X 4'-3" H., with one H.P. rotary valve.
3. Feeder W-303, with one bin, 3'-11" W. x 4'-1" L. x

- 5'-3" H., and one screw conveyor, 0'-8" Dia. x 0'-10" L., 2 H.P.
4. Jet ejector S-310.
 5. Screen S-311, first coarse, 3'-0" W. x 7'-5" H.
 6. Jet mill M-312, Nippon Pneumatic Mgr., type PJM-I-20.
 7. Double cyclone C-313, 1'-4" Dia. x 4'-6" H.
 8. Screen S-314, second coarse, 2'-6" W. x 2'-7" L. x 6'-4" H.
 9. Cyclone C-316, 1'-4" Dia. x 5'-0" H.
 10. Receiver S-317, 1'-4" Dia. x 1'-8" H., with double damper.
 11. Feeder M-401, with a bin, 0'-10" W. x 1'-1" L. x 1'-1" H., and one screw conveyor, 0'-2" Dia. x 1'-8" L. x 2 H.P.
 12. Jet ejector S-402.
 13. Classifier S-4-3, first fine, static type, 1'-3" Dia. x 6'-0" H.
 14. Cyclone C-406, 1'-4" Dia. x 5'-10" H.
 15. Jet ejector S-407.
 16. Classifier S-408, second fine, 1'-10" Dia. x 4'-5" H.
 17. Jet ejector S-409.
 18. Cyclone C-410, 0'-9" Dia. x 2'-10" H., with a double damper.
 19. Fill station V-412, with a hopper.
 20. Feed tank S-501.
 21. Plug flow conveyor.
 22. Feeder W-502, with a bin, 4'-3" W. x 3'-0" L. x 2'-8" H., and one 2 H.P. screw conveyor.
 23. Mixer M-507, 2'-10" Dia. x 2'-0" H., with a 30 H.P. drive.
 24. Feeder M-508, with a bin, 5'-5" W. x 1'-7" L. x 1'-10" H., and a screw conveyor, 0'-2" Dia. x 2'-2" L., 2 H.P.
 25. Sifter M-509, 2'-0" Dia. x 0'-6" L., with a 2 h.p. blower.
 26. Cyclone C-410, 1'-3" Dia. x 5'-6" L., with a receiver, 2'-0" Dia. x 2'-0" H.
 27. Weigh station W-511, with a tote bin.

Agency: South Coast Air Quality Management District
 Application #: 162127
 Issuance Date: 04/14/88
 Expiration Date: Two years from the date of filing of application
 Description: Air pollution control system consisting of:
 1. Baghouse F-551, ACD Co., type AS-47-S-TR, pulse jet type, with 49 bags, polyester material, each 0'-4 1/2" Dia. x 7'-10" L., 431 square feet of filter

area.

2. Exhaust system with a 7-1/2 H.P. blower venting four baghouse discharges, four feeders, one weight station, one tote bin, one receiving chute, one fill station, one mixer, one feed tank, and one jet ejector.

Agency: South Coast Air Quality Management District
Application #: 162128
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Air pollution control system consisting of:
1. Baghouse F-323, Nippon Pneumatic Mfg. Co., type PBF-40, pulse jet type, with 50 bags, polyester material each 0'-9" x 0'-1 3/4" elliptical x 5'-2" L., 646 square feet of filter area.
2. Exhaust system with a 25 H.P. blower venting a coarse classifier and a cyclone.

Agency: South Coast Air Quality Management District
Application #: 162129
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Air pollution control system consisting of:
1. Baghouse F-323, Nippon Pneumatic Mfg. Co., type PBF-80, pulse jet, with 102 bags, polyester material, each 0'-9" x 0'-1 3/4" elliptical x 5'-2" L., 862 square feet of filter area.
2. Exhaust system with a 40 H.P. blower venting a double cyclone and a coarse classifier.

Agency: South Coast Air Quality Management District
Application #: 162130
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Air pollution control system consisting of:
1. Baghouse F-323, Nippon Pneumatic Mfg. Co., type PBF-60, pulse jet, with 80 bags, polyester material, each 0'-9" x 0'-1 3/4" elliptical x 5'-2" L., 646 square feet of filter area.
2. Exhaust system with a 30 H.P. blower venting two cyclones, two fine classifiers, and 2 jet ejectors.

Agency: South Coast Air Quality Management District
Application #: 162131
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Air pollution control system consisting of:
1. Tote bin lifter M-602, pneumatically operated.
2. Receiver S-604, 0'-8" W. x 3'8" L. x 4'-3" H., with a double damper.
3. Automatic carton filling machine M-631, 4'-4" W. x 19'-4" L. x 8'-8" H., with a 4 H.P. drive.

Agency: South Coast Air Quality Management District
Application #: 162132
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Air pollution control system consisting of:
1. Baghouse F-611, ACD Corp., type AS-36-6-TR, pulse jet, with 36 bags, polyester material, each 0'-4 1/2" Dia. x 5'-10" L., 248 square feet of filter area.
2. Exhaust system with a 5 H.P. blower venting a bin, an automatic carton filling machine, and a vacuum cleaner baghouse discharge.

Agency: South Coast Air Quality Management District
Application #: 162133
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Receiver W-119, minor ingredients, 22 liter, with platform scales.

Agency: South Coast Air Quality Management District
Application #: 167637
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Alteration of an air pollution control system, permit M-40869, by the addition of:
1. Sifter M-005.
2. Feed hopper H-006.
3. Filling machine.

Agency: South Coast Air Quality Management District
Application #: 167638
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Air pollution control system consisting of:
1. Baghouse M-003, vac-u-max, pulse jet type, with 7 filter bags, each 0'-6" Dia. x 2'-6" H., 28.9 square feet total filter area.
2. Exhaust system with a 5 H.P. blower venting a baghouse receiver M-002.

Agency: South Coast Air Quality Management District
Application #: 166429
Issuance Date: 04/14/88
Expiration Date: Two years from the date of filing of application
Description: Toner-cartridge filling machine consisting of:
1. receiver M-002, with a baghouse, Gore-Tex material, with 7 bags, each 0'-6" Dia. x 2'-6" H., 28.9 square feet filter area.
2. Sifter M-005, SWECO, model LS-30, 1/2 H.P.
3. Feed hopper H-006, 3'-0" Dia. x 5'-9" H.
4. Filling machine, gravity type.

Agency: South Coast Air Quality Management District
Application #: 162122
Issuance Date: 0/4/14/88
Expiration Date: Tow years from the date of filing of application
Description: Air pollution control system consisting of:

- 1) Baghouse F-222, ACD Co., model AS-25-6-TR, pulse jet type, with 25 bags, polyester material, each 0' -4½" Dia. x 5'-10" L., 172 square feet of filter area
- 2) Exhaust system with one 5 h.p. blower venting a cyclone.

Agency: South Coast Air Quality Management District
Permit #: M40865
Issuance Date: 10/29/84
Expiration Date: 04/1-annually
Description: Filling System No. 3 consisting of:

- 1) Portable hopper unloading station.
- 2) Baghouse separator, VAC-U-MAX, reverse air type, w/seven cotton filter bags each 6"dia. x 2'-6" L
- 3) Hopper, filling machine, 6 cu.ft. capacity
- 4) Bottle filling machine, packaging dynamics, w/5 h.p. dia.
- 5) Unloading station, developer

Agency: South Coast Air Quality Management District
Permit #: M40867
Issuance Date: 10/29/84
Expiration Date: 04/1-annually
Description: Air pollution control system, Filling system No. 3 and No. 4, consisting of:

- 1) Baghouse, Vacumax, reverse air type, with seven filter bags, each 6" dia. x 30" L
- 2) Exhaust system with a 5 h.p. blower venting the tow baghouse separators in filling systems No. 3 and No. 4

Agency: South Coast Air Quality Management District
Permit #: M40869
Issuance Date: 10/29/84
Expiration Date: 04/1-annually
Description: Air pollution control system, Filling system No. 3, consisting of:

- 1) Baghouse, Schick, pulse jet type, model 58-HV-18, w/ 18 filter bags, each 5-¾" dia. x 5'-0" L
- 2) Cyclone separator, 1'-1" dia. x 4'-4" H
- 3) Exhaust system w/ a 5 h.p. blower venting a bottle filling machine

WORK PLAN TO INVESTIGATE THE POTENTIAL THAT CHEMICALS MAY BE PRESENT IN THE SUBSURFACE ADJACENT TO TWO UNDERGROUND STORAGE TANK AREAS AT THE RICOH ELECTRONICS INC. FACILITY AT 2320 REDHILL AVENUE IN SANTA ANA, CA.

1.0 INTRODUCTION

This work plan was prepared in response to a written contract dated 20 May 1986 pursuant to a proposal prepared by Applied Geosciences, Inc. for Ricoh Electronics, Inc. (Ricoh). This work plan presents the scope of work, schedule, and estimated budget to perform a subsurface investigation to assess the likelihood that chemicals have been released adjacent to four underground storage tanks present at the Ricoh facility located at 2320 Redhill Avenue in the City of Santa Ana, CA (Figure 1). The plan is based on a site visit, review of readily available hydrogeological data, and review of selected site mitigation files from regulatory agencies having jurisdiction in the Orange County area.

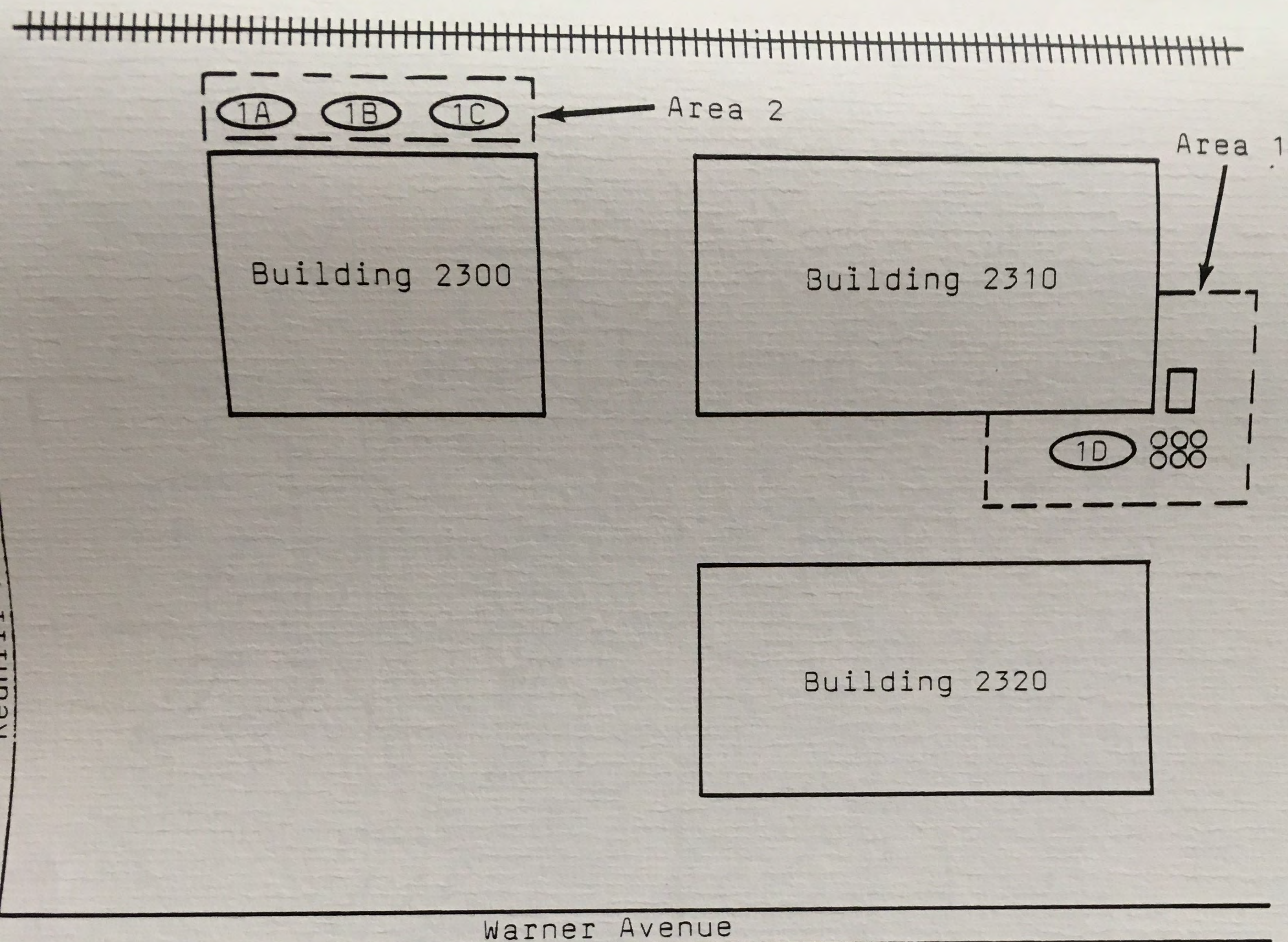
At the Ricoh facility, there are two separate areas where underground storage tanks are present. These areas are: adjacent to building 2310 where one underground tank is located for the storage of diesel oil for a diesel generator (Area 1), and behind Building 2300 (Area 2) where there are three large underground storage tanks which store Isoparaffinic (Isopar) aliphatic hydrocarbons (Figure 2). The capacity of these tanks is: 8,000 gallons (Diesel) 30,000 gallons (Isopar) and two 50,000 gallons (Isopar). A depression in the ground surface was observed during the site visit, in the area near the three Isopar tanks. Approximately 30 feet from the diesel tank is a drum storage area and a solvent recovery system. It is reported that during the early operation of the solvent system, some design changes were necessary due to possible releases of solvent from the recovery system (Bold, 1986).

2.0 OBJECTIVE

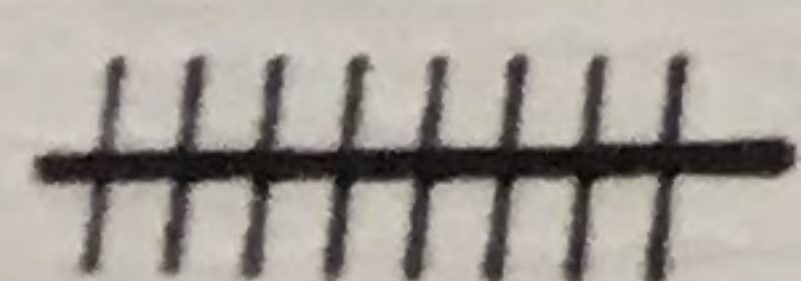
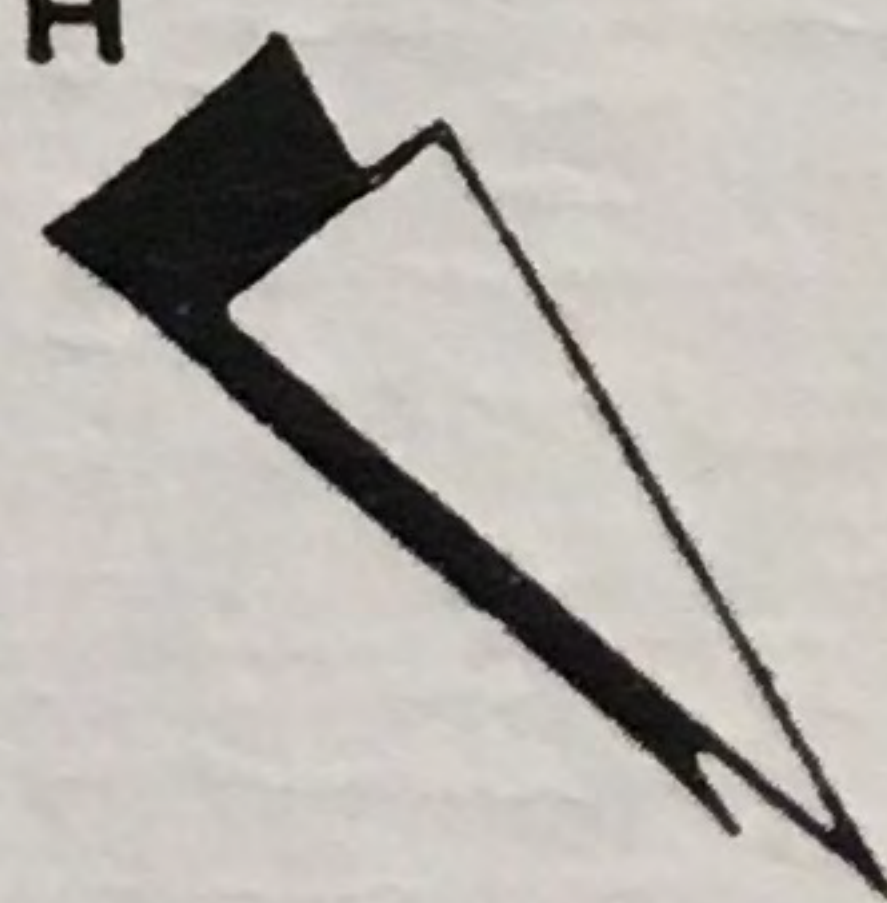
The objective of the scope of work described in this work plan is to conduct an investigation into the extent and concentration of petroleum products in the soil and shallow groundwater adjacent to four underground storage tanks.

3.0 APPROACH

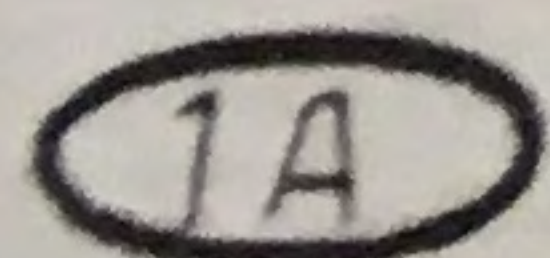
To meet the objective, the approach that will be used to implement the work plan includes tank testing to assess whether or not the tanks onsite can be certified tight to a level of 0.05 gal-



NORTH



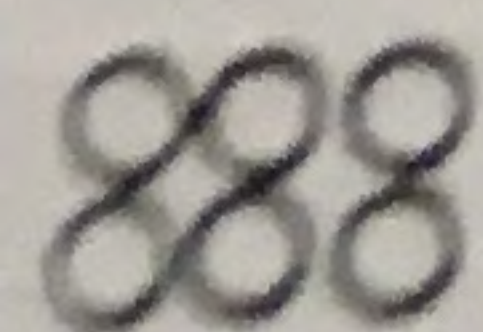
Railroad Track



Approximate Location
and Designation of
Underground Tank



Solvent Recovery System



Drum Storage Area

APPLIED GEOSCIENCES INC.

Engineering Geology and Hazardous Materials Consultants





Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

November 3, 2006

Mr. Jay Bento
Fire Inspector/Firefighter
Fire Prevention Bureau
Underground Tank Division
City of Santa Ana Fire Department
1439 South Broadway
Santa Ana, CA 92707

**SUBJECT: TANK CLOSURE REPORT
RICOH ELECTRONICS
2320 REDHILL AVENUE
SANTA ANA, CALIFORNIA.**

Mr. Novak:

This report summarizes the soil and water sampling activities performed at during the removal of an underground storage tank (UST) at Ricoh Electronics, located at 2320 Redhill Avenue, Santa Ana, CA (Site, Figure 1). The UST removal performed by Tait Environmental Systems (TES), and Tait Environmental Management, Inc (TEM) collected soil and water samples at the site.

TEM was contracted to collect soil and water samples, oversee subsequent laboratory analyses and prepare this report to summarize the operations. The work summarized in this report was conducted in accordance with the Santa Ana Fire Department (SAFD) UST closure requirements.

The UST was a 40,000-gallon double steel-walled fiberglass-coated (Plasteel Composite Double Wall) tank that was partitioned into two 20,000-gallon sections end to end. According to Jeff Simko of Ricoh Electronics, tanks contained Isopar G and Isopar H, which consist of mid-range carbons in the C₈ to C₁₂ range. The UST was installed in 1996.

TANK PREPARATION OPERATIONS

On September 26, 2006, all fluids were pumped out of the UST, and the UST was triple-rinsed by Nieto and Sons Trucking. The UST contents and rinsate were transported off site to the DeMenno Kerdoon facility in Compton, California under Uniform Hazardous Waste Manifests. Manifests are contained in Appendix A.

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County", from "*Hydrogeology of Southern California*", this water-bearing zone is generally termed the "perched" or "semiperched" groundwater and has limited hydraulic continuity with deeper aquifers.

The sediments exposed on the sidewalls of the excavation at the site consist of a series of thin- to medium-bedded fine-grained silty and clayey sands. Groundwater was encountered at a depth of approximately 12 feet below ground surface in the excavation.

ANALYTICAL RESULTS

The laboratory analytical report is contained in Appendix E, and the analytical results of the soil and water samples are presented in Table 1. A summary of laboratory findings is presented below:

- TPH (GRO) concentrations were not detected above the laboratory reporting limits in any of the soil or water samples.
- TPH (DRO) concentrations were detected between 26 and 360 milligrams per kilogram (mg/kg) in soil samples, and 0.48 and 0.53 milligrams per Liter (mg/L) in the two water samples.
- TPH (MORO) concentrations were detected between 77 and 860 milligrams per kilogram (mg/kg) in soil samples, and were not detected above laboratory reporting limits in the water samples.
- VOC concentrations were not detected above the laboratory reporting limits in any of the soil or water samples.

LIMITATIONS

A soil sampling and excavation report contains professional opinions with respect to environmental issues of concern and/or additional actions that may be addressed at the subject property. In rendering a professional opinion, TEM warrants that the services provided hereunder were performed within the limits described and in accordance with current generally accepted environmental consulting principles and practices.

TEM represents that the services were performed in a manner consistent with industry standards. No other warranty, either expressed or implied, is intended by TEM.

TEM is not responsible for any potential impact of the property attributable to this document due to changes in applicable environmental standards, practices or regulations following performance of services. Services hereunder were performed in accordance with TEM's agreement and understanding with, and solely for the use of the responsible party.

Tank icing began on September 26, 2006, at 100 pounds per 1,000-gallon tank size. Once LEL/Oxygen levels were at respective levels of >10% and >5%, shoring was placed in the area surrounding the UST. A total of 400 pounds of dry ice was used daily to maintain the LEL/Oxygen levels until the UST was removed on October 6, 2006. The Hazardous Waste Tank Closure Certification, which was prepared by a Certified Industrial Hygienist, is contained in Appendix B.

The UST was uncovered by soil excavation procedures using a backhoe on October 3 and 4, 2006. During the excavation and stockpiling of excavated soil, volatile organic compounds (VOCs) in soil vapor were monitored under South Coast Air Quality Management District (SCAQMD) Rule 1166 requirements. A copy of the monitoring report is contained in Appendix C.

TANK REMOVAL OPERATIONS

On October 6, 2006, TES removed the UST from the site using a large overhead crane that lifted the UST from the excavation and placed it on a flatbed truck for off-site transport and disposal. The UST was transported to Ecology Auto Parts on Santa Fe Springs, California for destruction. A copy of the Certificate of Destruction is contained in Attachment D. Removal operations were undertaken under the oversight of Inspector Jay Bento of the SAFD.

SOIL SAMPLING

On October 6, 2006, Inspector Jay Bento of the SAFD was on site to direct the soil sampling operations. Two soil samples (T1 & T2) were collected from a depth of approximately two feet below the UST. Two soil samples (P1 & P2) were collected from a depth of approximately two feet below the UST's product piping. Ten soil samples (SP1 thru SP10) were collected from the excavated soil stockpiles. Two water samples (W1 & W2) were collected from the bottom of the UST excavation. Soil and water sample locations are shown on the map in Figure 2.

All samples were labeled and delivered under chain-of-custody protocol to Sunstar Laboratories, Inc., a California State-Certified laboratory. All samples were analyzed for Total Petroleum Hydrocarbons using full carbon-chain analysis using Environmental Protection Agency (EPA) Method 8015 modified, and for VOCs using EPA Method 8260B (full scan). Full carbon-chain analyses covers gasoline-range organics (GRO) within the C₆-C₁₂ range, diesel-range organics (DRO) within the C₁₃-C₂₈ range, and motor oil-range organics (MORO) within the C₂₉-C₄₀ range.

HYDROGEOLOGY

The site is located within the Santa Ana Groundwater Basin of the Coastal Plain of Orange County. Within the upper stratigraphic section of the Santa Ana Groundwater Basin, two major aquifers have been identified. These are the Talbert Aquifer, which occurs within approximately 200 feet of the ground surface, and the Main Aquifer, which generally occurs between elevations of -500 to -200 feet relative to mean sea level. Overlying these deep aquifer zones is a shallow water-bearing zone occurring within Holocene-aged alluvium and stream deposits. Groundwater in this zone is of limited use owing to low yields, typically less than 25 gallons per minute, and poor water quality. According to Robbins, Gary A., (March 1986), in *"Perched" Groundwater Conditions In Orange*


TANK CLOSURE REPORT
RICOH ELECTRONICS
2320 REDHILL AVENUE
SANTA ANA, CALIFORNIA
November 3, 2006

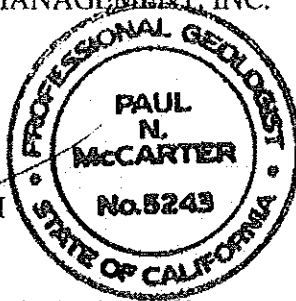
Opinions and/or recommendations are intended for the client, purpose, site, location, time frame and project parameters indicated. TEM is not responsible for subsequent separation, detachment or partial use of this document. Any reliance on this report by a third party shall be at such party's sole risk.

TEM appreciates the opportunity to be of service to TES. Should you have any questions regarding the data presented in this report please do not hesitate to contact either of the undersigned at your convenience.

Very truly yours,

TAIT ENVIRONMENTAL MANAGEMENT, INC.


Paul N. McCarter, PG, REA II
Senior Geologist



cc: Carl Bernhardt, California Regional Water Quality Control Board – Santa Ana Region
Jeff Simko, Ricoh Electronics
Randy Novak, Tait Environmental Systems

FIGURES

Figure 1 Site Vicinity Map
Figure 2 Sample Location Map

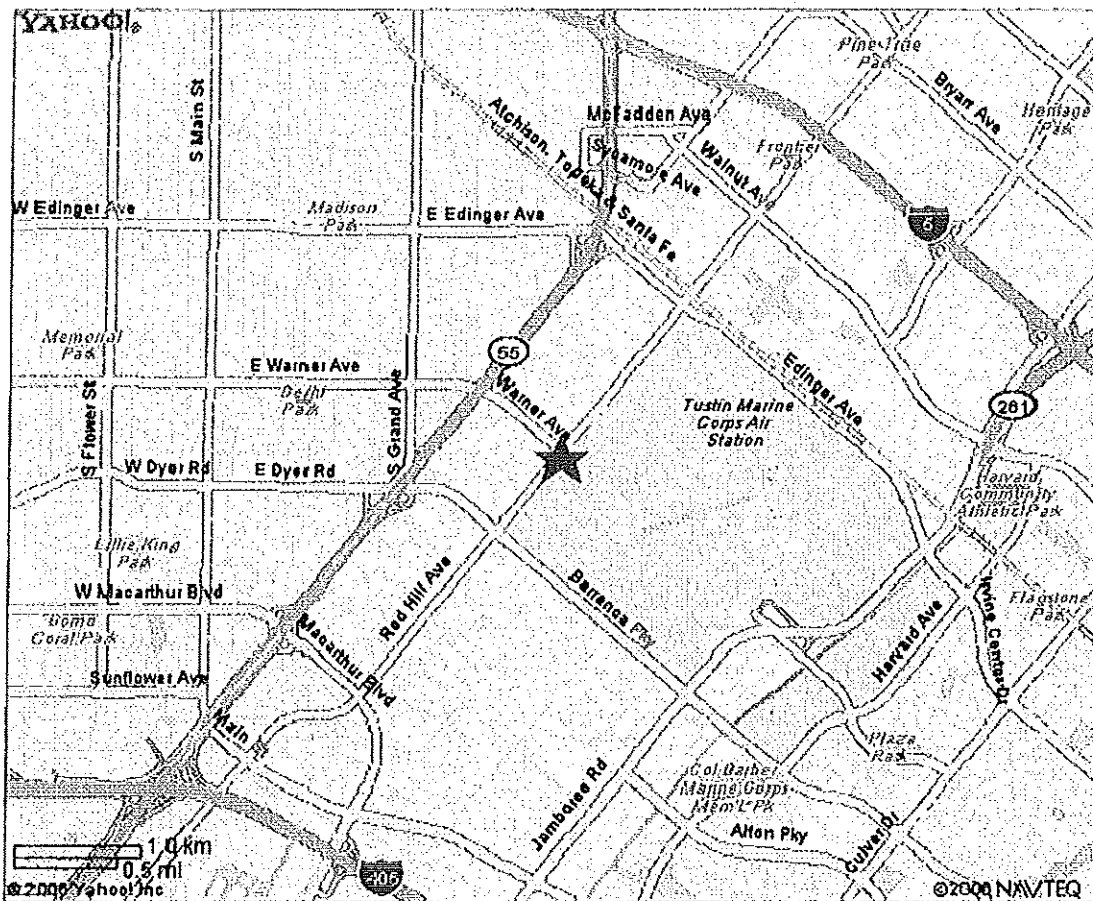
TABLES

Table 1 Summary of Soil Laboratory Analyses

APPENDICES

Appendix A Manifests
Appendix B Hazardous Waste Tank Closure Certification
Appendix C SCAQMD Monitoring Records
Appendix D Certificate of Destruction
Appendix E Laboratory Analytical Report

FIGURES



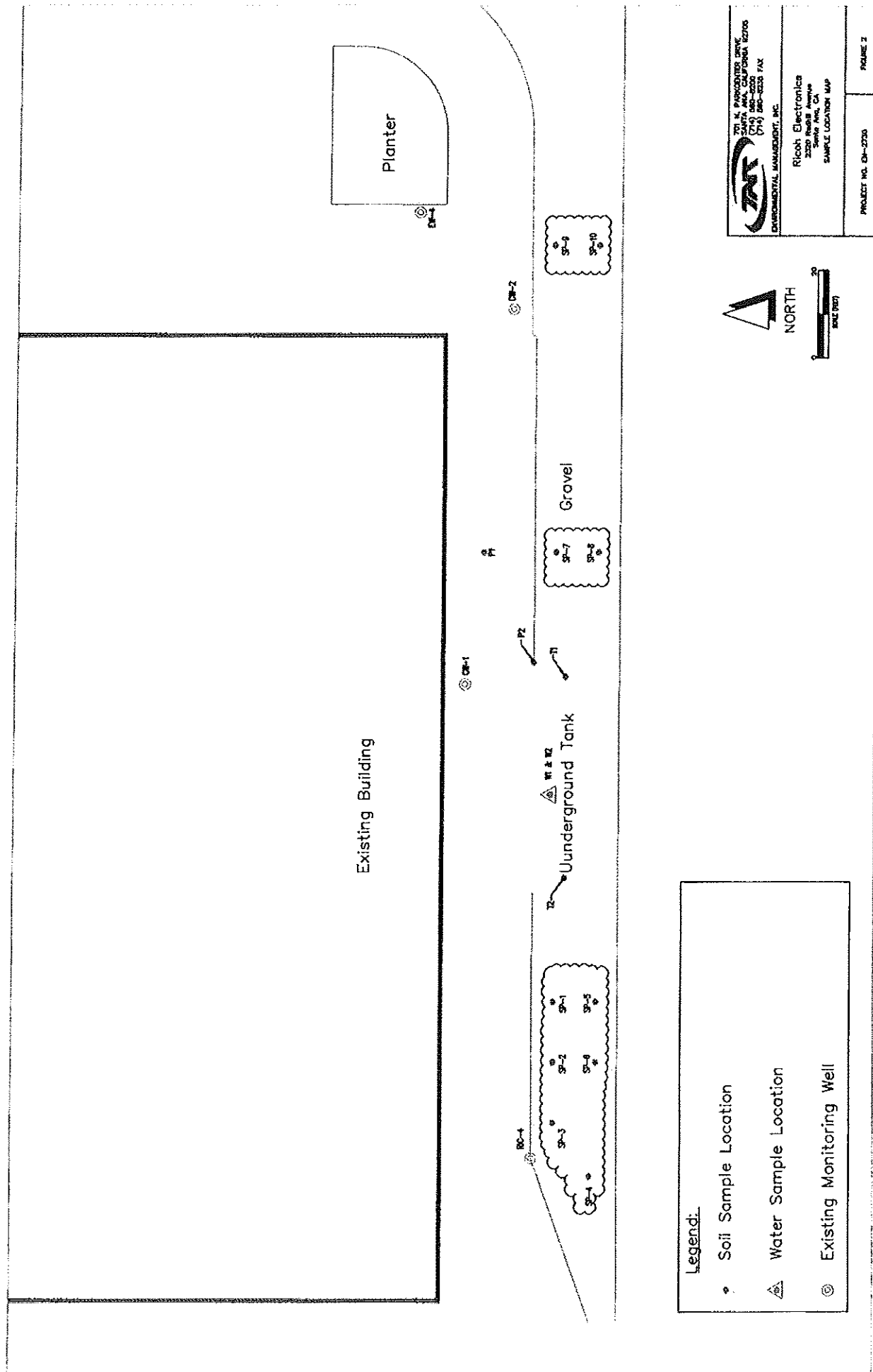
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ENVIRONMENTAL MANAGEMENT, INC.

Ricoh Electronics
2320 Redhill Avenue
Santa Ana, CA
SITE VICINITY MAP

PROJECT NO. EM-2730

FIGURE 2



TABLES

TABLE 1.
SUMMARY OF SOIL AND WATER LABORATORY ANALYSES

RICOH ELECTRONICS
2320 REDHILL AVENUE
SANTA ANA, CALIFORNIA

Sample Number	Date Sampled	Sample Type	TPH (GRO) (C6 - C12) (mg/kg)	TPH (DRO) (C13 - C28) (mg/kg)	TPH (MORO) (C29 - C40) (mg/kg)
T1	10/6/2006	Soil	ND	87	360
T2	10/6/2006	Soil	ND	26	110
P1	10/6/2006	Soil	ND	ND	77
P2	10/6/2006	Soil	ND	360	860
SP1	10/6/2006	Soil	ND	260	450
SP2	10/6/2006	Soil	ND	91	180
SP3	10/6/2006	Soil	ND	79	120
SP4	10/6/2006	Soil	ND	170	500
SP5	10/6/2006	Soil	ND	150	440
SP6	10/6/2006	Soil	ND	140	440
SP7	10/6/2006	Soil	ND	88	240
SP8	10/6/2006	Soil	ND	210	520
SP9	10/6/2006	Soil	ND	150	510
SP10	10/6/2006	Soil	ND	110	230
W1	10/6/2006	Water	ND	0.53 *	ND
W2	10/6/2006	Water	ND	0.48 *	ND
Reporting Limits		Soil		10	10
Reporting Limits		Water		0.50 mg/L	0.50 mg/L

Notes:

TPH (GRO) (C6 - C23) = Total Extractable Petroleum Hydrocarbons as Gasoline

TPH (DRO) (C13 - C23) = Total Extractable Petroleum Hydrocarbons as Diesel

TPH (MORO) (C29 - C40) = Total Extractable Petroleum Hydrocarbons as Motor Oil

ND = Not detected above laboratory reporting limits.

* = Concentrations reported in milligrams per Liter (mg/L).

STATE WATER RESOURCES CONTROL BOARD

GEO TRACKER

CASE SUMMARY

REPORT DATE HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?
7/20/1987

I. REPORTED BY - CREATED BY
UNKNOWN UNKNOWN

III. SITE LOCATION

<u>FACILITY NAME</u>	<u>FACILITY ID</u>
RICOH ELECTRONICS, INC.	
<u>FACILITY ADDRESS</u>	<u>ORIENTATION OF SITE TO STREET</u>
2320 S RED HILL AVE	
SANTA ANA, CA 92705	<u>CROSS STREET</u>
ORANGE COUNTY	WARNER

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

DIESEL
OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGAN

<u>DATE DISCOVERED</u>	<u>HOW DISCOVERED</u>	<u>DESCRIPTION</u>
<u>DATE STOPPED</u>	<u>STOP METHOD</u>	<u>DESCRIPTION</u>

VII. SOURCE/CAUSE

<u>SOURCE OF DISCHARGE</u>	<u>CAUSE OF DISCHARGE</u>
<u>DISCHARGE DESCRIPTION</u>	

VIII. CASE TYPE

CASE TYPE
Aquifer used for drinking water supply

IX. REMEDIAL ACTION

<u>REMEDIAL ACTION</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>DESCRIPTION</u>
Pump & Treat (P&T) Groundwater	1/1/1988	7/15/1998	
Free Product Removal	1/1/1988	7/15/1998	
Pump & Treat (P&T) Groundwater	7/1/1998	9/30/2008	Gallons Excavation Water
Excavation	8/1/1998	9/30/1998	
Excavation	8/1/2006	8/30/2006	

X. GENERAL COMMENTS

In July 1986, leakage from piping associated with three USTs was detected. The USTs stored ISOPAR G (C10-C11) and H (C11-C12), which was used in the manufacture of toner. Based on the results of a soil gas survey, four soil borings were advanced at the site. TPH (C6-C8) were detected at a concentration ranging from 50 to 1000 ppm. Six groundwater monitoring wells and twenty groundwater well points were installed to characterize the groundwater. Groundwater was encountered at approximately 10 feet bgs and was found to flow to the south. Free product was detected up to 6.9 ft. In February 1988, FP recovery was initiated. On July 8, 1988 the Board issued Cleanup and Abatement Order CAO 88-78, requiring Ricoh to implement corrective measures and to

establish waste discharge limits. In August 1988, Ricoh implement groundwater extraction and treatment. Up to 14,000 gallons per day were discharged to the local storm drain which discharged into San Diego Creek. In September 1992, Ricoh requested cessation of groundwater remediation because free product was no longer detected in the Isopar/groundwater recovery system. In a letter dated December 15, 1992, Regional Board staff denied the request due to the continued presence of free product in some groundwater monitoring wells and the lack of consistent groundwater monitoring. The recovery system reportedly operated until July 1998, when the three USTs were removed and replaced.

In July through September 1998, the three USTs were removed and replaced by one 40,000-gallon Isopar UST. The UST area was reportedly excavated to a depth of 16 feet, approximately 100,000 gallons of groundwater from the excavation was treated and discharged, and ORC was placed in the backfill.

Due to the continued detection of elevated concentration of TPH in the groundwater, a subsurface investigation was conducted in December 2000. Five soil borings were advanced to 17 to 20 feet and three grab groundwater samples were collected. TPH was detected at a concentration of up to 1.9 mg/kg in the soil samples and up to 8,000,000 ug/l TPH was detected in the groundwater. In January 2003, two confirmatory wells were installed at the site. TPH was detected at a concentration of up to 2.1 mg/l in the groundwater. In February 2003, a 24-hour two phase extraction test was conducted. Vapor influent concentrations peaked at 1,060 ppmv after 18 hours of operation. Approximately 13.5 lbs (2.1 gallons) of petroleum hydrocarbons were recovered.

In April 2005, the TPH concentrations in the groundwater monitoring wells have reduced to 400 ug/l. As a result, Ricoh requested site closure. Final consideration of closure of the site was delayed due to the pending removal of the one remaining UST.

In September 2006, the 40,000-gallon UST was removed. Two soil samples were collected each from under the UST and the dispenser. TPH (C13-C28) and TPHC29-40) were detected at a concentration of up to 360 ppm and 860 ppm, respectively. TPH (C13-C28) and TPHC29-40) were detected in groundwater samples collected from the excavation at a concentration of up to 530 ug/l and not detected, respectively.

XI. CERTIFICATION

**I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.**

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER

REGIONAL BOARD CASE NUMBER

083000552T

LOCAL AGENCY

<u>CONTACT NAME</u>	<u>INITIALS</u>	<u>ORGANIZATION NAME</u>	<u>EMAIL ADDRESS</u>
CHRISTOPHER CIRAULO	CC	SANTA ANA, CITY OF	cciraulo@santa-ana.org
<u>ADDRESS</u>		<u>CONTACT DESCRIPTION</u>	
1439 S. BROADWAY		UST Inspector	
SANTA ANA, CA 92707			

REGIONAL BOARD

<u>CONTACT NAME</u>	<u>INITIALS</u>	<u>ORGANIZATION NAME</u>	<u>EMAIL ADDRESS</u>
CARL BERNHARDT	CAB	SANTA ANA RWQCB (REGION 8)	cbernhardt@waterboards.ca.gov
<u>ADDRESS</u>		<u>CONTACT DESCRIPTION</u>	
3737 MAIN STREET, SUITE 500			
RIVERSIDE, CA 925013339			

<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>
MAIN PHONE	(951)-782-4495	
Main Fax	(951)-781-6288	

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Linda S. Adams
Secretary for
Environmental Protection

California Regional Water Quality Control Board Santa Ana Region

3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (951) 782-4130 • FAX (951) 781-6288 • TDD (951) 782-3221
www.waterboards.ca.gov/santaana



Arnold Schwarzenegger
Governor

July 1, 2010

Pedro Medrano
Ricoh Electronics
1100 Valencia Avenue
Tustin, Ca 92780

**SUBJECT: Status of Site Closure
Ricoh Electronics Facility
2320 Redhill, Santa Ana
LUSTIS Case Number 083000552T**

Dear Mr. Medrano:

This letter is in response to your request to review the above referenced site for site closure. Board staff has reviewed the data for the above referenced site and concurs with site closure. We have enclosed a copy of a draft case closure summary for your review and comment. A no further action/site closure letter will be issued upon completion of the following:

- Destruction of all wells, removal and/or abandonment of all other site improvements relating to the UST cleanup, and disposal of all waste materials in accordance with State and County guidelines.
- Submittal of a brief well destruction and waste disposal report (including waste manifests, monitoring well destruction permits, etc.) to the RWQCB office.

I have enclosed a copy of a revised draft case closure summary for your information



Pedro Medrano
Ricoh

- 2 -

July 1, 2010

If you have any questions, please contact me at 951-782-4495 or by electronic mail at cbernhardt@waterboards.ca.gov.

Sincerely,



Carl Bernhardt
Engineering Geologist
Underground Storage Tank Section

Enclosures: Case Closure Summary

Addressee: Pedro Medrano, Ricoh Pedro_A_Medrano@rei.ricoh.com

cc w/enclosures: Diana Plotkin, Karney Property Mgmt: Diana_Plotkin@karney.net
Mark Gilmartin, Law Offices of Mark B. Gilmartin:
mbgilmartin@earthlink.net
Anri Suzuki, Ricoh Electronics: Anri_Suzuki@rei.ricoh.com
Pedro Medrano, Ricoh Pedro_A_Medrano@rei.ricoh.com
Jay Neuhaus, Mactec: jrneuhaus@mactec.com
David Rice, SWRCB: drice@waterboards.ca.gov
Diana Conkle, SWRCB: dconkle@waterboards.ca.gov

CAB/ ricoh 06 17 2010



CASE CLOSURE SUMMARY

Leaking Underground Fuel Tank Program

I. Agency Information

Agency Name	California Regional Water Quality Control Board Santa Ana Region	Staff	Carl A. Bernhardt
Address	3737 Main St. Suite 500	Title	Engineering Geologist
City/State/ Zip	Riverside CA 92501-3348	Phone	(951) 782-4495, Main # 782-4130

II. Case Information

Site Name	Ricoh Electronics, Inc.			
Location	2320 Redhill Avenue, Santa Ana			
Regional Board Case #	083000552T	Local Agency Case #		
Responsible Parties	Address		Phone Number	
Ricoh Electronics Contact: Mr. Jeff Simko	1100 Valencia Avenue Tustin, CA 92780			
Tank No.	Size in Gallons	Contents	Closed in place/ Removed	Date
1	30,000	Isoparaffin aliphatic hydrocarbons	Removed	September 1998
2	50,000	Isoparaffin aliphatic hydrocarbons	Removed	July 1998
3	50,000	Isoparaffin aliphatic hydrocarbons	Removed	September 1998
5	40,000	Isoparaffin aliphatic hydrocarbons	Removed	2006

III. Release and Site Characterization Information

Cause and type of release: Unknown					
Site characterization complete?	Moderate to low concentration of petroleum hydrocarbons were detected in the soil and groundwater to the south and southwest of the UST. The affected soil and groundwater was not defined to non-detect.			Date approved by agency	
Monitoring wells installed?	Yes	Number	11	Proper screen interval?	Yes
Deepest GW depth	13 feet		Shallowest GW depth		5.67 feet
Groundwater, most sensitive current use: Municipal					
Are drinking water wells affected?	No	Aquifer name	Orange County Groundwater Basin		
Is surface water affected?	No	Nearest SW name	San Diego Creek		
Off-site beneficial use Impacts (addresses/locations): None					
Report(s) on file?	Yes	Where is/are report(s) filed?	SARWQCB, 3737 Main Street, Suite 500 Riverside, CA 92501		

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount	Action (treatment, disposal)/ Destination	Date
Soil	Unknown	Excavated and disposed off-site	July – Sept. 1998
Soil	Unknown	Excavated and disposed off-site	Sept. 2006
Groundwater	2,160,000 gallons	Extracted and treated using GAC	Aug. 1988 – May 1999
Isopar	4,371 gallons	Extracted and disposed off-site	Feb. 1988 – May 1992
Excavation Water	100,000 gallons	Extracted and treated using GAC	July – Sept. 1998

III. Release and Site Characterization Information (Continued)

Maximum Documented Contaminant Concentration - Before and After Cleanup									
Contaminant	Soil (mg/kg)				Groundwater (ug/l)				
	1986	1998	2006	2008	Nov 1986	March 1997	Feb. 2003	April 2005	Sept. 2009
TPH	1,000	4,000	360 (C13-28) 860 (C29-40)	490 (VFH)	N/A	95,000	2,100	400	190 (VFH) 660 (EFH)
Free product	N/A ¹	N/A	N/A	ND	6'	ND ²	ND	ND	ND
Benzene	N/A	N/A	N/A	0.0023	N/A	N/A	<2.0	N/A	ND
Toluene	N/A	N/A	N/A	0.003	N/A	N/A	5.1	N/A	ND
Ethyl Benzene	N/A	N/A	N/A	ND	N/A	N/A	<0.2	N/A	ND
Xylene	N/A	N/A	N/A	ND	N/A	N/A	<2.0	N/A	ND
MTBE	N/A	N/A	N/A	N/A	N/A	N/A	<5	N/A	ND
TBA	N/A	N/A	N/A	N/A	N/A	N/A	<5	N/A	7.9
Comments regarding investigation and remediation									
In July 1986, leakage was detected from piping associated with three USTs. The USTs stored ISOPAR G (C10-C11) and H (C11-C12), which was used in the manufacture of toner. Based on the results of a soil gas survey, four soil borings were advanced at the site. TPH (C6-C8) were detected at a concentration ranging from 50 to 1000 ppm. Six groundwater monitoring wells and twenty groundwater well points were installed to characterize the groundwater.									

¹ N/A – Not Analyzed

² ND – Not Detected

Comments regarding investigation and remediation - continued

Groundwater was encountered at approximately 10 feet bgs and was found to flow to the south. Free product was detected up to 6.9 ft. In February 1988, FP recovery was initiated. On July 8, 1988 the Board issued Cleanup and Abatement Order CAO 88-78, requiring Ricoh to implement corrective measures and to establish waste discharge limits. In August 1988, Ricoh implement groundwater extraction and treatment. Up to 14,000 gallons per day were discharged to the local storm drain which discharged into San Diego Creek. In September 1992, Ricoh requested cessation of groundwater remediation because free product was no longer detected in the Isopar/groundwater recovery system. In a letter dated December 15, 1992, Regional Board staff denied the request due to the continued presence of free product in some groundwater monitoring wells and the lack of consistent groundwater monitoring. The recovery system reportedly operated until July 1998, when the three USTs were removed and replaced.

In July through September 1998, the three USTs were removed and replaced by one 40,000-gallon Isopar UST. The UST area was reportedly excavated to a depth of 16 feet, approximately 100,000 gallons of groundwater from the excavation was treated and discharged, and ORC was placed in the backfill.

Due to the continued detection of elevated concentration of TPH in the groundwater, a subsurface investigation was conducted in December 2000. Five soil borings were advanced to 17 to 20 feet and three grab groundwater samples were collected. TPH was detected at a concentration of up to 1.9 mg/kg in the soil samples and up to 8,000,000 ug/l TPH was detected in the groundwater. In January 2003, two confirmatory wells were installed at the site. TPH was detected at a concentration of up to 2.1 mg/l in the groundwater. In February 2003, a 24-hour two phase extraction test was conducted. Vapor influent concentrations peaked at 1,060 ppmv after 18 hours of operation. Approximately 13.5 lbs (2.1 gallons) of petroleum hydrocarbons were recovered.

In April 2005, the TPH concentrations in the groundwater monitoring wells have reduced to 400 ug/l. As a result, Ricoh requested site closure. Final consideration of closure of the site was delayed due to the pending removal of the one remaining UST.

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In July 2008, six soil borings were advanced on the Ricoh and adjacent Jaydee property to depths ranging from 17 to 45 feet bgs. The results indicated TPH at a concentration of 300 and 490 ppm in soil sampled from boring B-5 at depths of 10 and 15 feet bgs, respectively. Groundwater was sampled from two of the borings at depths ranging from 35 to 45 feet bgs. No TPH or VOCs were detected in the groundwater samples.

In September 2009, two groundwater monitoring wells were installed on the adjacent Jaydee property next to boring locations B-5 and B-6. Groundwater was found at approximately 13 feet bgs and groundwater flow was to the south to southwest. TPH-g and TPH-d were detected at a concentration of 190 ug/l and 660 ug/l, respectively.

On May 11, 2010, Board staff notified the legal counsel and property manger representing the fee holder of the adjacent property of the pending site closure. Board staff has not received any comments in response to the May 11, 2010 letter.

Based on this data, Ricoh's consultant asserts the following:

- Volatile fuel petroleum were detected at a maximum concentration of 490 mg/kg in soil samples collected from the Jaydee property in June 2008 indicating that the concentrations are decreasing laterally from the former

UST.

- Groundwater samples collected on the Jaydee property indicate petroleum fuel concentrations are not at a concentration of concern and are stable.
- No further action should be required because the low levels of petroleum hydrocarbons in the soil and groundwater do not pose a health risk.

Board staff is recommending site closure for the following reasons:

- The USTs have been removed from the site.
- A significant volume of the source petroleum hydrocarbons in the soil has been removed.
- The residual petroleum hydrocarbons in the soil and groundwater appear not to pose a significant enough risk to groundwater quality or the underlying groundwater's beneficial uses to warrant the expense of further remediation.
- It is anticipated that the concentration and mass of residual petroleum hydrocarbons would continue to decline due to biodegradation and natural attenuation.
- The SARWQCB has not established TPH cleanup levels for soil for protection of human health and, at this time, no statewide TPH cleanup levels have been established. However, the detected residual concentrations of petroleum hydrocarbons detected in the soil borings do not exceed the environmental screening levels (ESLs) established by the San Francisco RWQCB for direct exposure for commercial workers (450 ppm for soils <3 m deep and 4200 ppm for soils >3 m deep for gasoline and diesel and 3700 ppm for residual fuels with a carbon chain > 24) and the Gross Contamination Ceiling Levels (for odors, etc.) for shallow soils (500 ppm for gasoline and diesel and 2500 ppm for residual fuels). Furthermore, according to Mullin, et al (1990), isoparaffinic hydrocarbon compounds "have a very low order of acute toxicity, being practically non-toxic by oral, dermal and inhalation routes. However, aspiration of liquid isoparaffins into the lungs during oral ingestion could result in severe pulmonary injury" and non-evaporative dermal exposure by liquid isoparaffins "have produced slight to moderate irritation". Given that no free product isopar is currently being detected at the site, it appears that there is a low likelihood that commercial workers would be exposed to liquid isopar. Based on these criteria, Board staff is not requiring a quantitative risk assessment of the residual petroleum hydrocarbons or vapor intrusion studies to determine if the residual petroleum hydrocarbons pose any risk to the nearby building occupants in the soil at this time.

If land use changes at the site, a review of the corrective actions may be warranted if on-site excavation or construction activities expose contaminated soil or if changes in land use indicates that the residual contamination at the site poses a risk to site occupants.

IV. Closure

Does completed corrective action protect <i>existing</i> beneficial uses per Regional Board Basin Plan?	Yes
Does completed corrective action protect <i>potential</i> beneficial uses per the Regional Board Basin Plan?	Yes

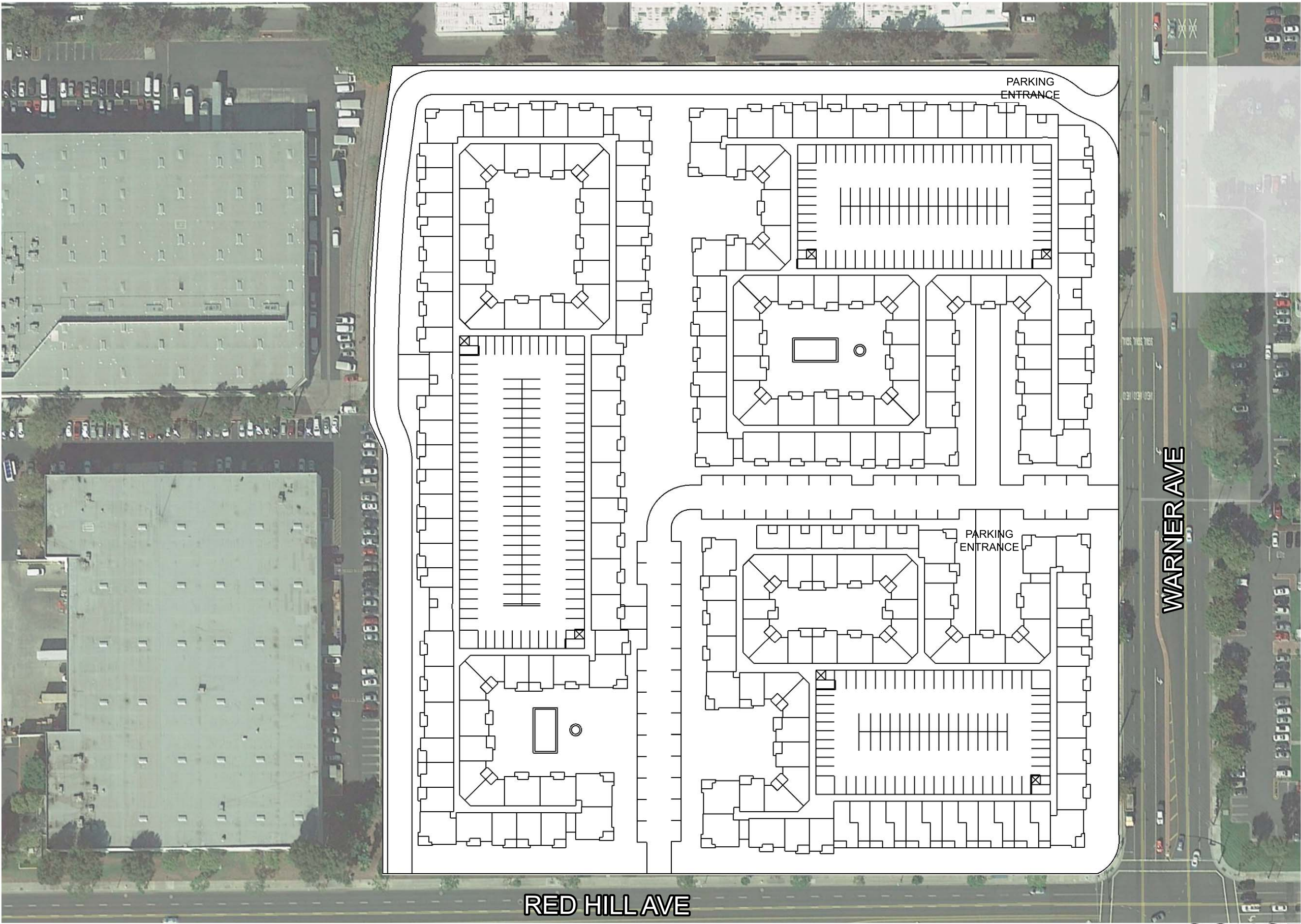
Does corrective action protect public health for current land use?		Yes	
Site Management requirements?		None	
Should corrective action be reviewed if land use changes?		See above discussions.	
Monitoring wells decommissioned	11	Number decommissioned	7
		Number retained	5
List enforcement actions taken	CAO, 88-78, Site Specific NPDES Permit - Order 89-11		
List enforcement actions rescinded	Order 89-11 was superseded by General Groundwater Treatment Permit 91-63. Order 88-78 rescinded on February 2, 2007		

V. Regional Board Representative Data

Name	Kenneth R. Williams	Title	Supervisor, Pollutant Investigation Section
Signature		Date	

VII. References

Linda S. Mullin, Allan W. Ader, Wayne C Daughtrey, Debra Z. Frost, Michael R. Greenwood , 1990, Toxicology update isoparaffinic hydrocarbons: A summary of physical properties, toxicity studies and human exposure data, Journal of Applied Toxicology, Volume 10, Issue 2, Pages 135-142

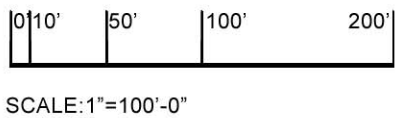
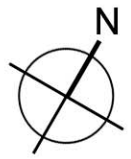


3 Phase, Stand Alone MF Sites

+/- 1200 Unit Scheme

+/- 55,000 SF Ground Floor Retail

RED HILL AVE & WARNER AVE APARTMENTS SANTA ANA, CA
VDC



CONCEPTUAL UNIT PLAN

ARCHITECTS ORANGE
144 NORTH ORANGE ST. ORANGE, CA 92866 714.639.9860
#2018-0XX WWW.ARCHITECTSORANGE.COM 06-19-2018



**PHASE I ENVIRONMENTAL SITE ASSESSMENT WARNER RED HILL
2300, 2310, AND 2320 RED HILL AVENUE SANTA ANA, CALIFORNIA**

Appendix F – Agency Records

Appendix F HISTORICAL RECORD



Warner Red Hill

2320 Redhill

Santa Ana, CA 92705

Inquiry Number: 5341350.3

June 22, 2018

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

06/22/18

Site Name:

Warner Red Hill
2320 Redhill
Santa Ana, CA 92705
EDR Inquiry # 5341350.3

Client Name:

Stantec
25864-F Business Center Drive
Redlands, CA 92374
Contact: Alicia Jansen



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Certified Sanborn Results:

Certification # 7E85-45A4-84F1

PO # NA

Project NA

UNMAPED PROPERTY

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Sanborn® Library search results

Certification #: 7E85-45A4-84F1

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- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

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Warner Red Hill

2320 Redhill

Santa Ana, CA 92705

Inquiry Number: 5341350.4

June 22, 2018

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

06/22/18

Site Name:

Warner Red Hill
2320 Redhill
Santa Ana, CA 92705
EDR Inquiry # 5341350.4

Client Name:

Stantec
25864-F Business Center Drive
Redlands, CA 92374
Contact: Alicia Jansen



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Search Results:**Coordinates:**

P.O.# NA
Project: NA

Latitude: 33.710815 33° 42' 39" North
Longitude: -117.839249 -117° 50' 21" West
UTM Zone: Zone 11 North
UTM X Meters: 422234.45
UTM Y Meters: 3730408.58
Elevation: 60.02' above sea level

Maps Provided:

2012	1932
1981	1902
1972	1901
1965	1896
1950	
1948	
1942	
1935	

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Topo Sheet Key

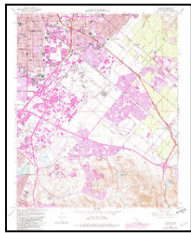
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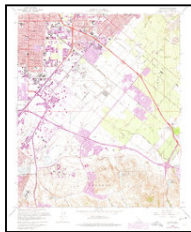
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2012
7.5-minute, 24000

1981 Source Sheets



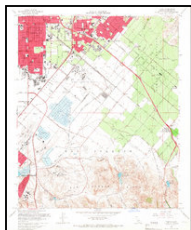
Tustin
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets



Tustin
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1965 Source Sheets



Tustin
1965
7.5-minute, 24000
Aerial Photo Revised 1963

Topo Sheet Key

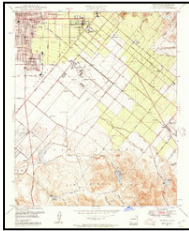
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1950 Source Sheets



Tustin
1950
7.5-minute, 24000
Aerial Photo Revised 1946

1948 Source Sheets



Tustin
1948
7.5-minute, 24000
Aerial Photo Revised 1946

1942 Source Sheets



SANTA ANA
1942
15-minute, 50000

1935 Source Sheets



Tustin
1935
7.5-minute, 31680

Topo Sheet Key

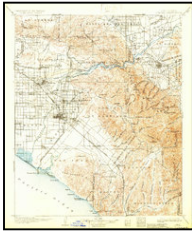
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1932 Source Sheets



Tustin
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7.5-minute, 31680

1902 Source Sheets



Corona
1902
30-minute, 125000

1901 Source Sheets

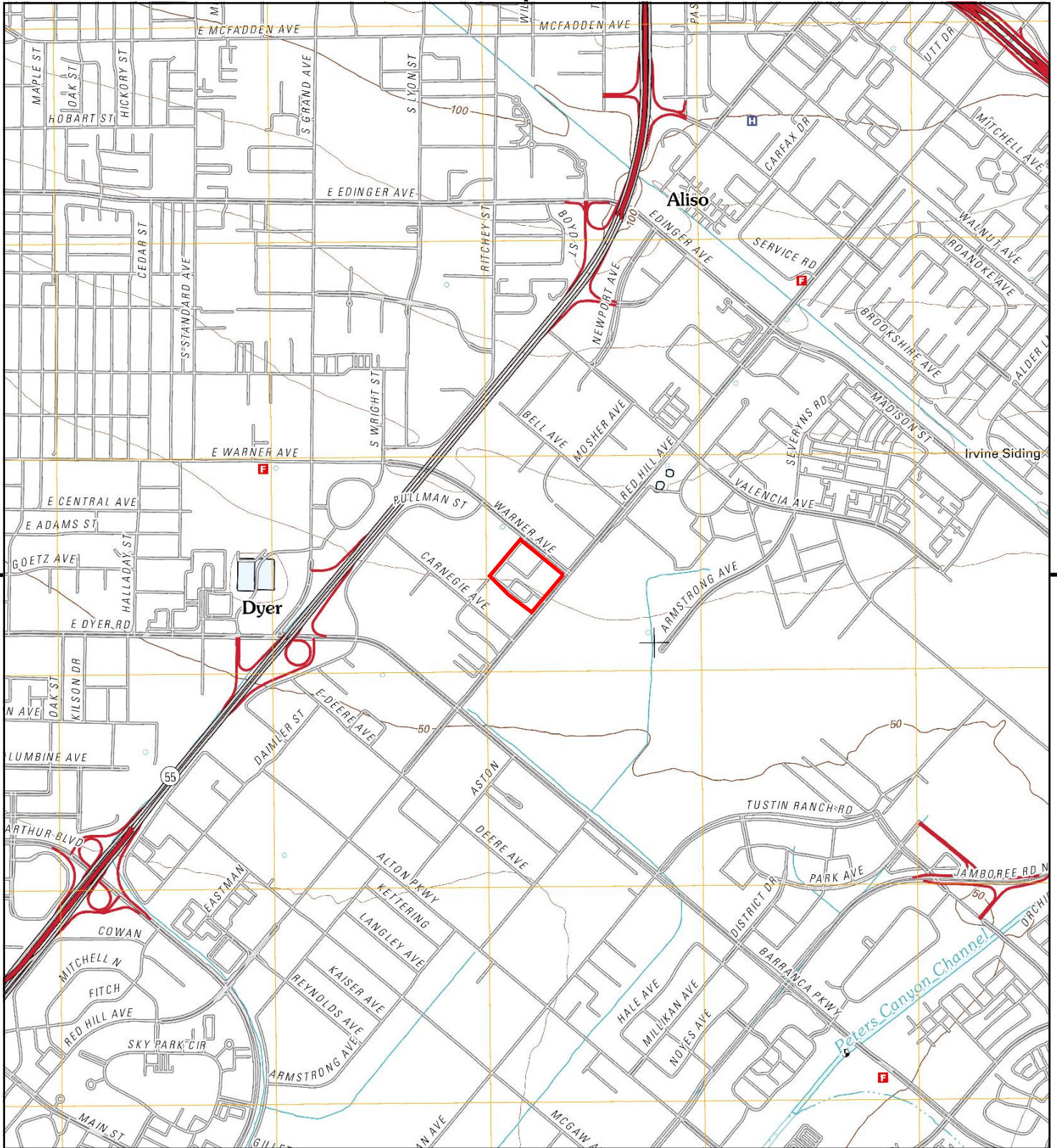


Santa Ana
1901
15-minute, 62500

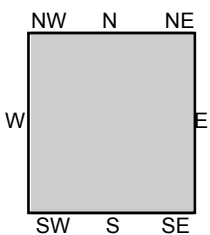
1896 Source Sheets



Santa Ana
1896
15-minute, 62500



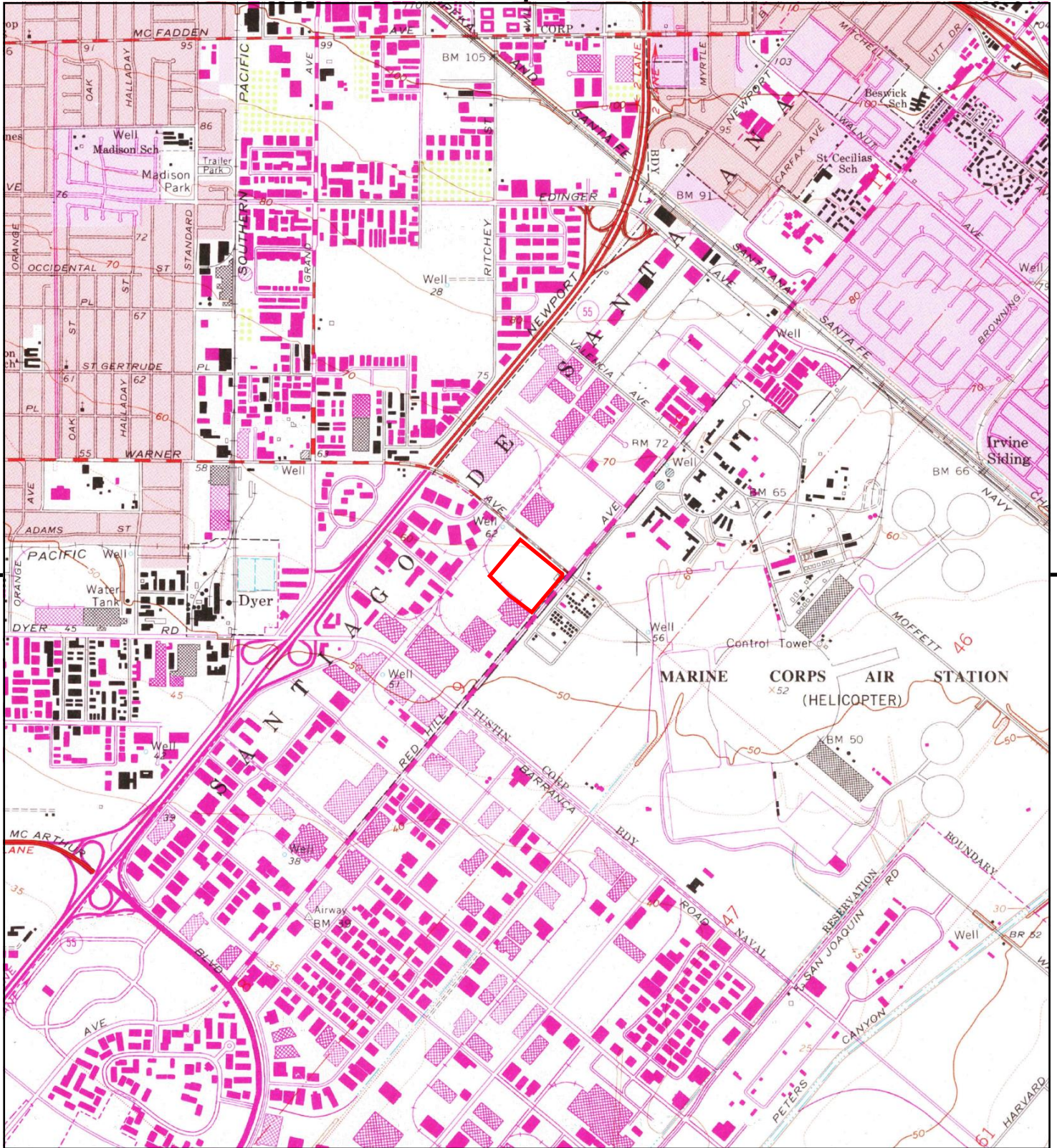
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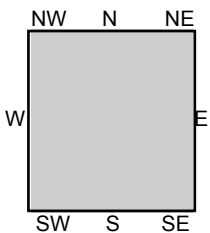
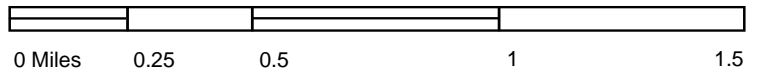
TP, Tustin, 2012, 7.5-minute

SITE NAME: Warner Red Hill
ADDRESS: 2320 Redhill
Santa Ana, CA 92705
CLIENT: Stantec





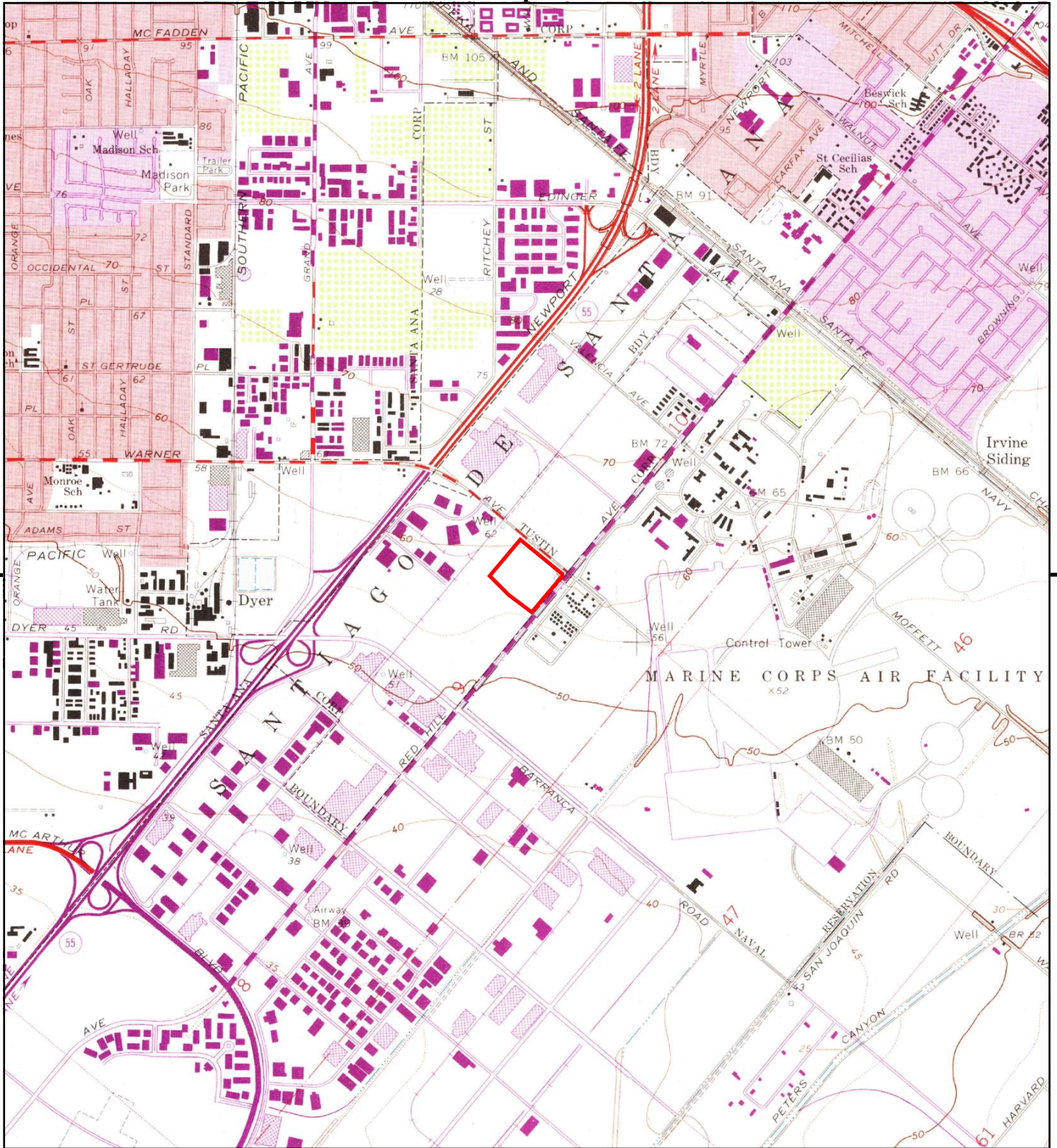
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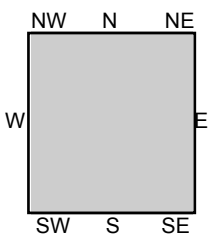
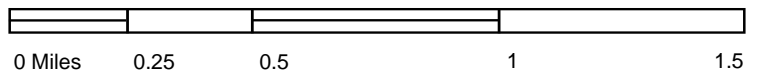
TP, Tustin, 1981, 7.5-minute

SITE NAME: Warner Red Hill
ADDRESS: 2320 Redhill
 Santa Ana, CA 92705
CLIENT: Stantec





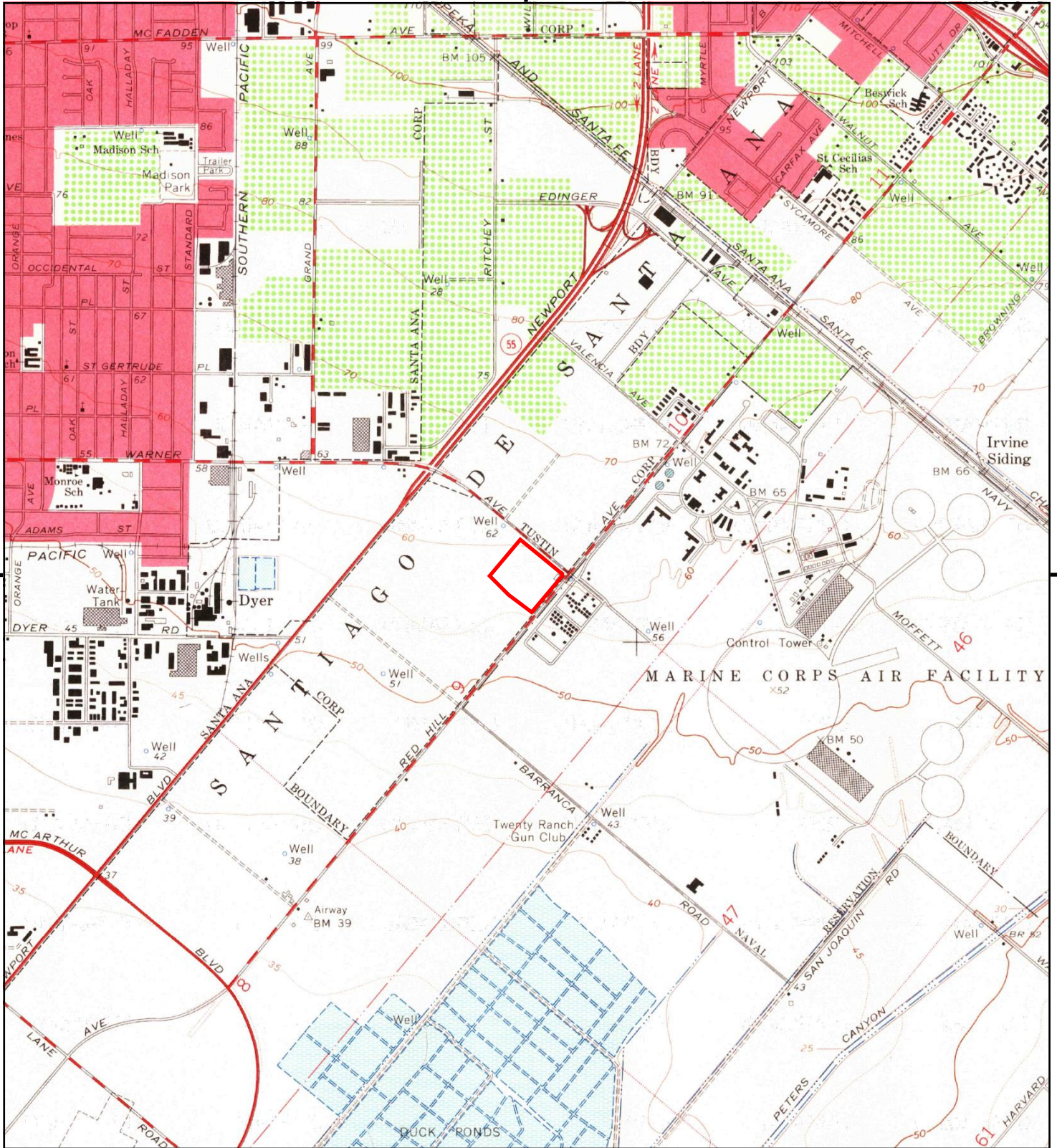
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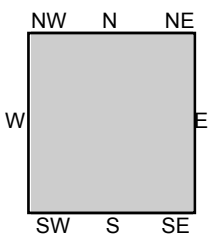
TP, Tustin, 1972, 7.5-minute

SITE NAME: Warner Red Hill
 ADDRESS: 2320 Redhill
 Santa Ana, CA 92705
 CLIENT: Stantec





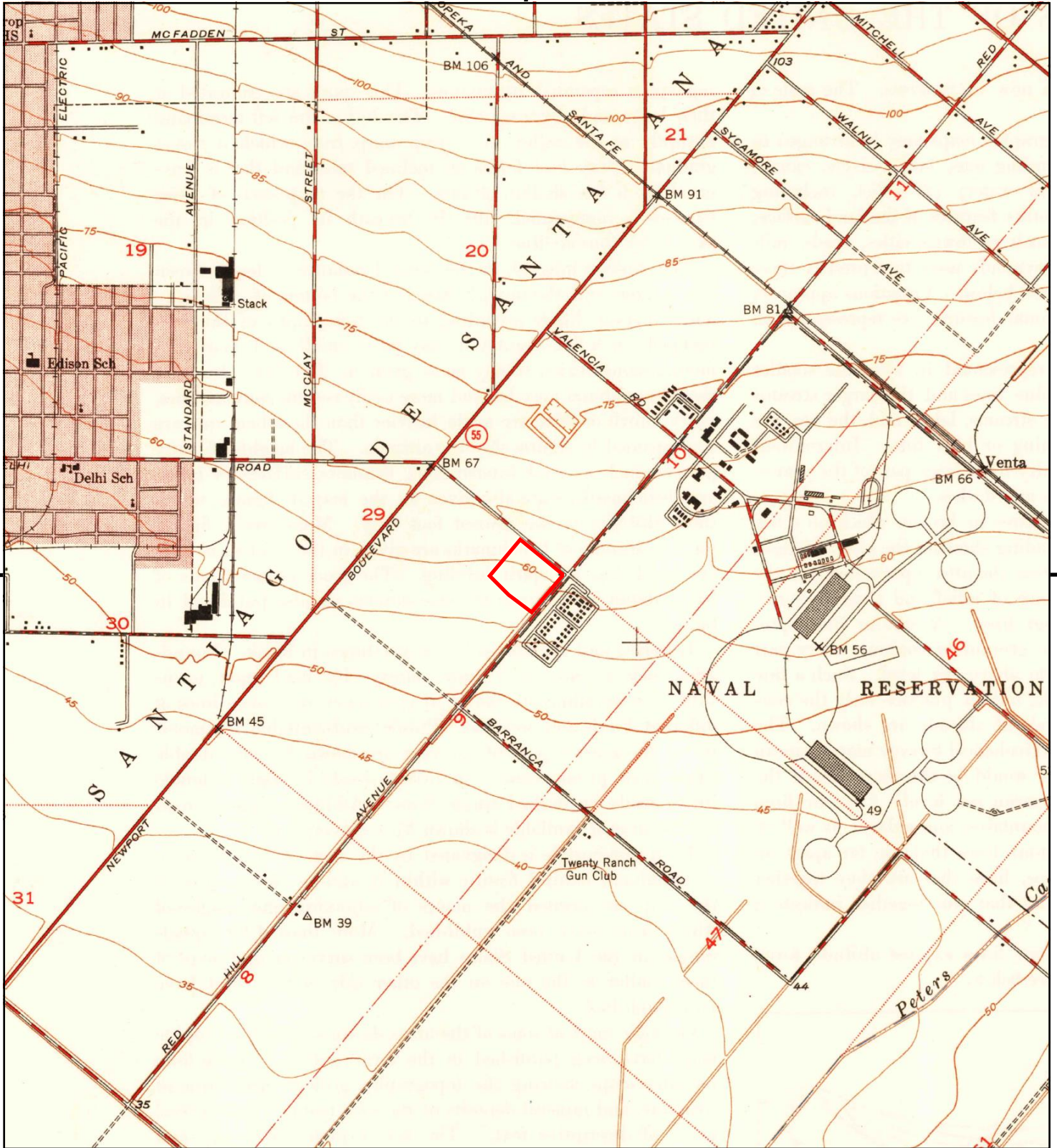
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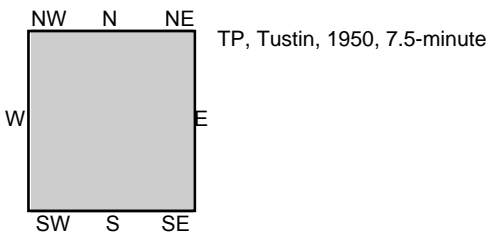
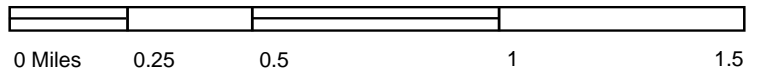
TP, Tustin, 1965, 7.5-minute

SITE NAME: Warner Red Hill
ADDRESS: 2320 Redhill
Santa Ana, CA 92705
CLIENT: Stantec



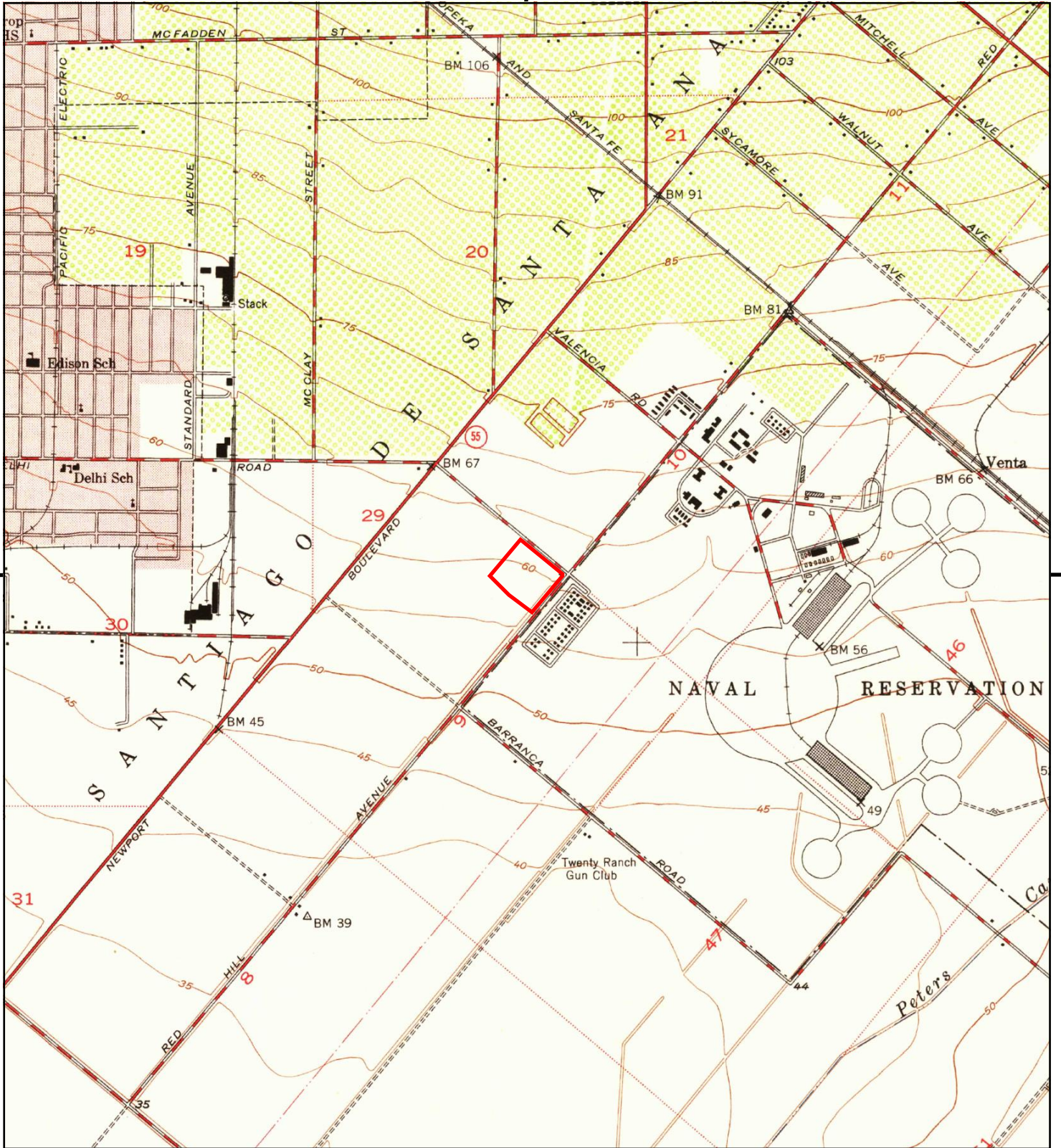


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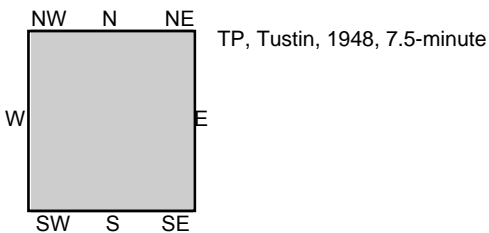
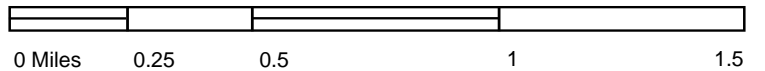


SITE NAME: Warner Red Hill
 ADDRESS: 2320 Redhill
 Santa Ana, CA 92705
 CLIENT: Stantec



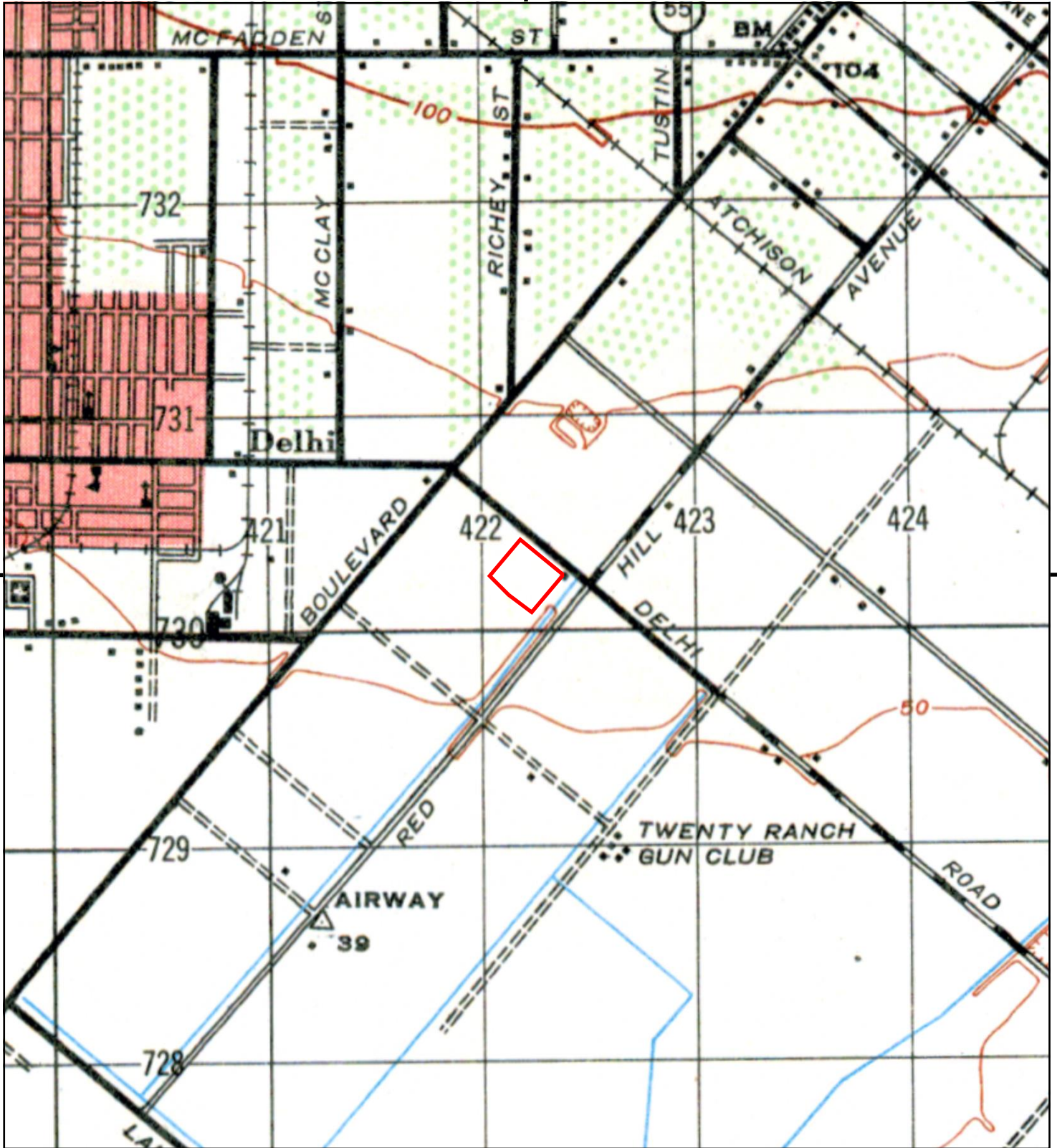


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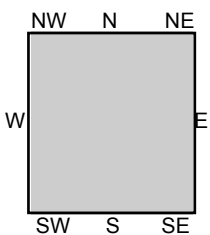
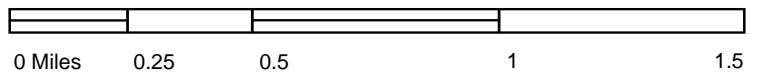


SITE NAME: Warner Red Hill
 ADDRESS: 2320 Redhill
 Santa Ana, CA 92705
 CLIENT: Stantec





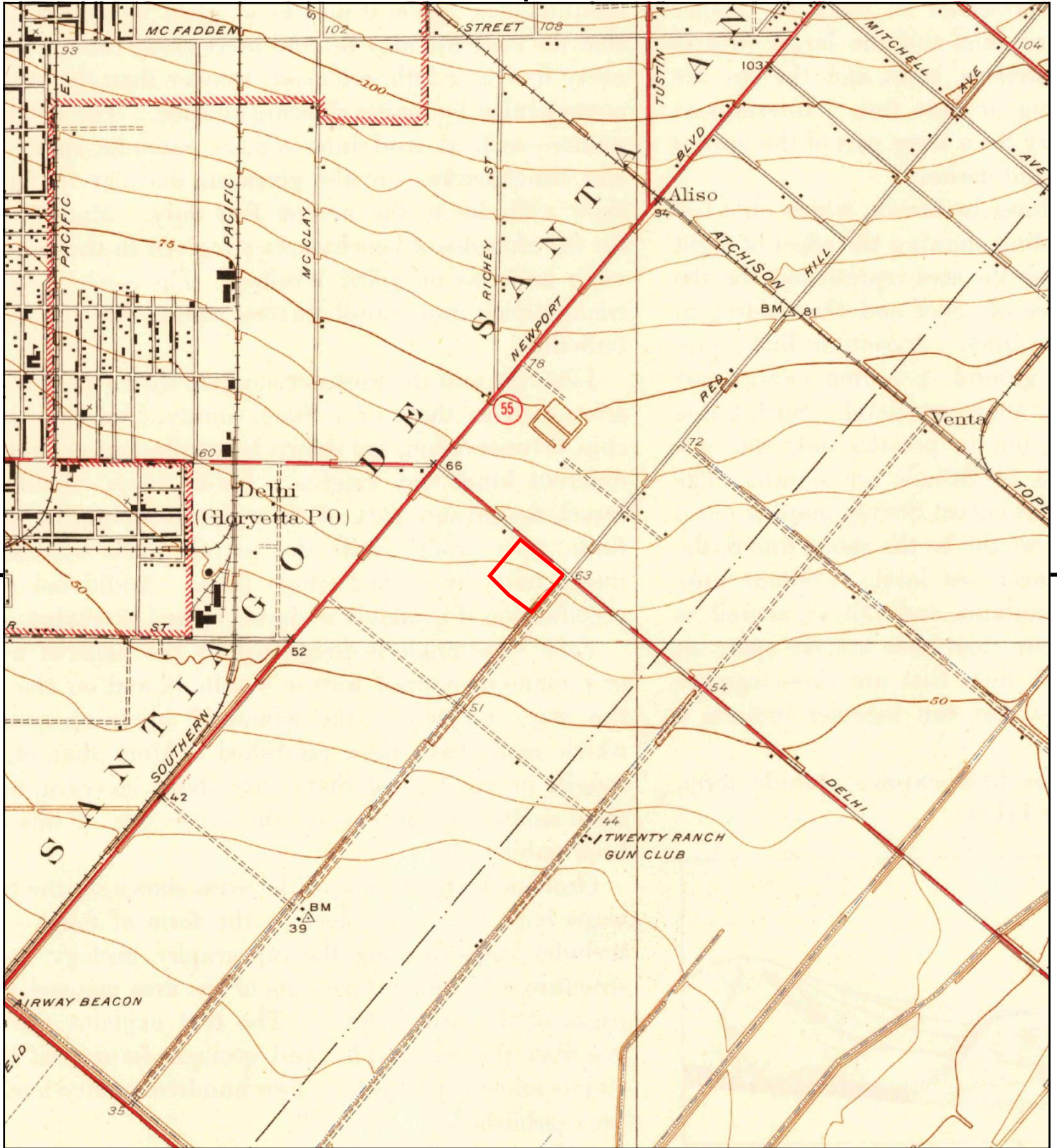
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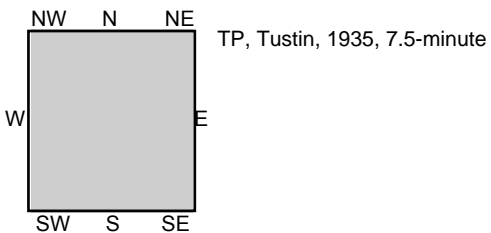
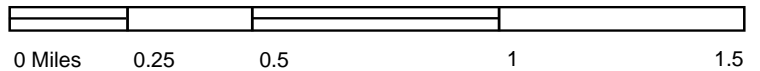
TP, SANTA ANA, 1942, 15-minute

SITE NAME: Warner Red Hill
 ADDRESS: 2320 Redhill
 Santa Ana, CA 92705
 CLIENT: Stantec



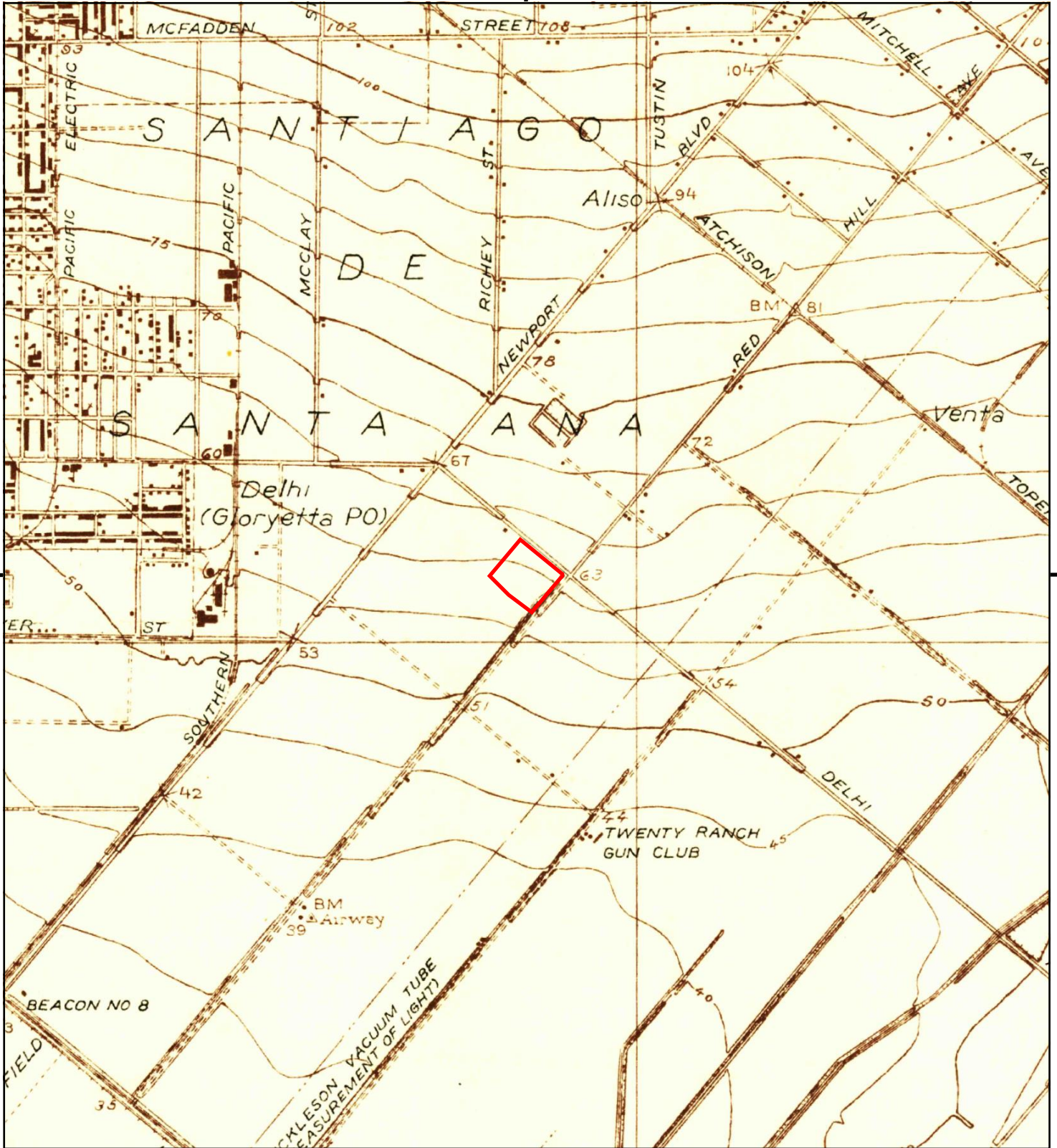


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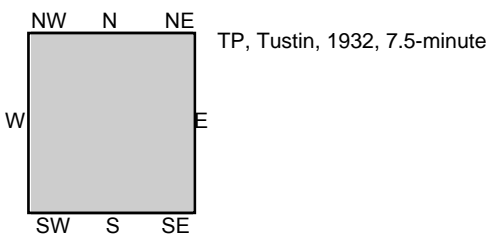
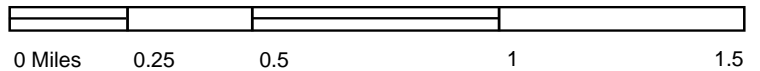


SITE NAME: Warner Red Hill
ADDRESS: 2320 Redhill
Santa Ana, CA 92705
CLIENT: Stantec



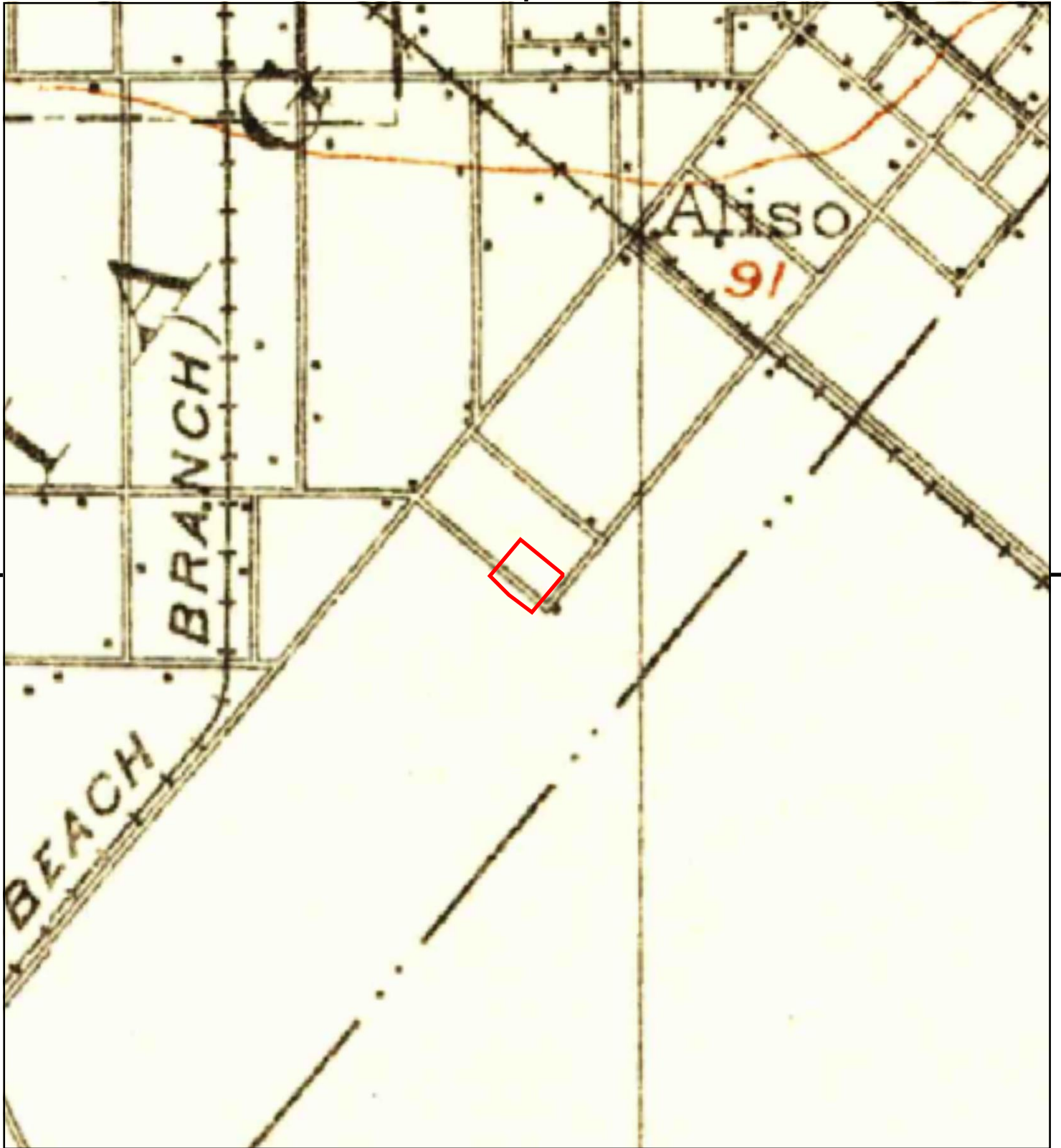


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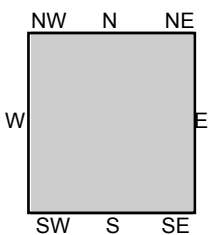
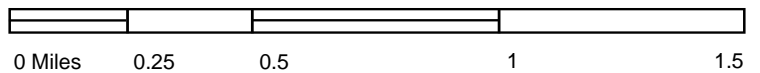


SITE NAME: Warner Red Hill
 ADDRESS: 2320 Redhill
 Santa Ana, CA 92705
 CLIENT: Stantec





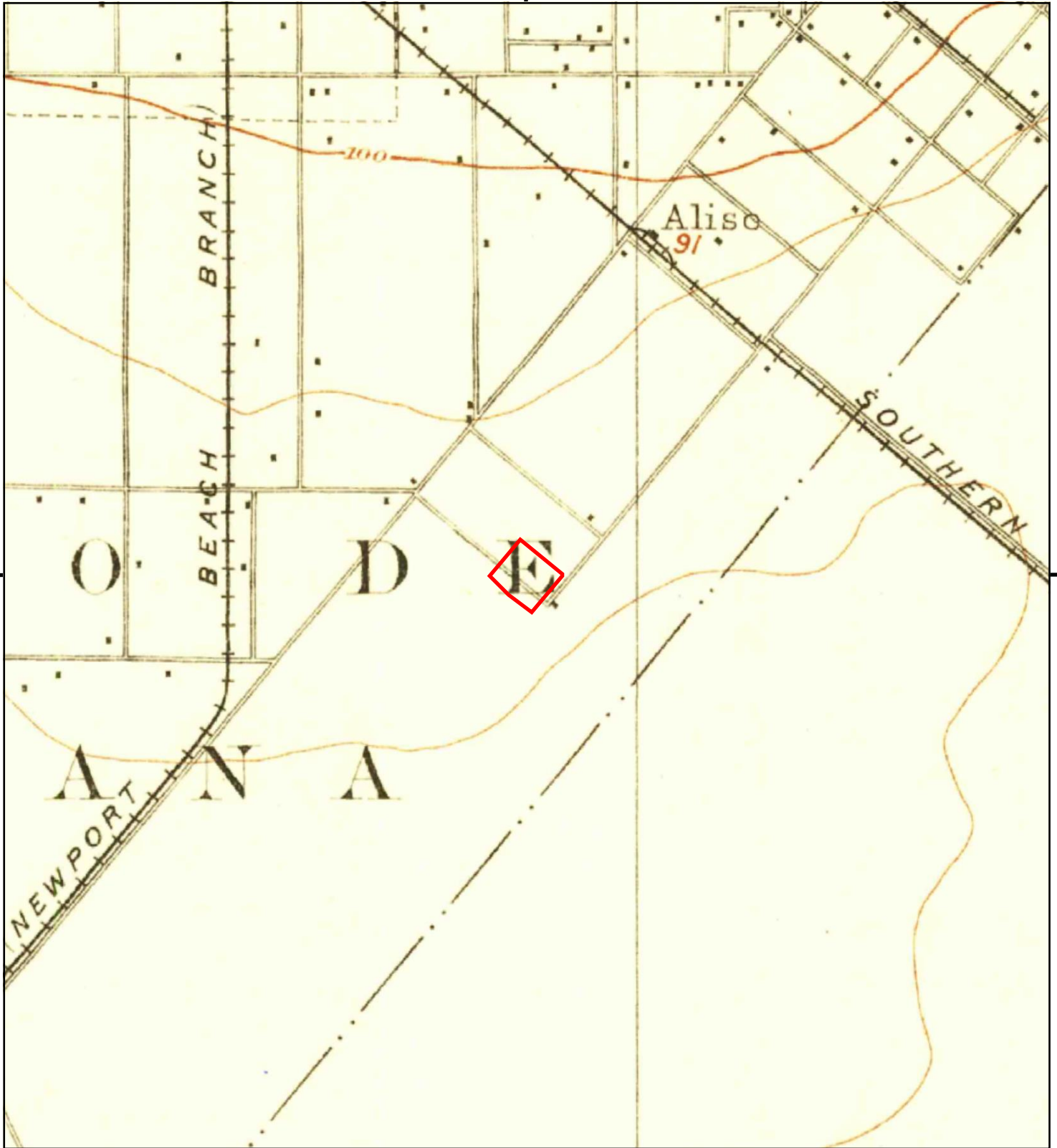
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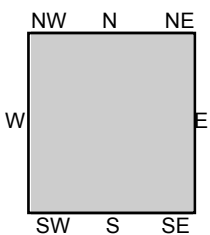
TP, Corona, 1902, 30-minute

SITE NAME: Warner Red Hill
 ADDRESS: 2320 Redhill
 Santa Ana, CA 92705
 CLIENT: Stantec





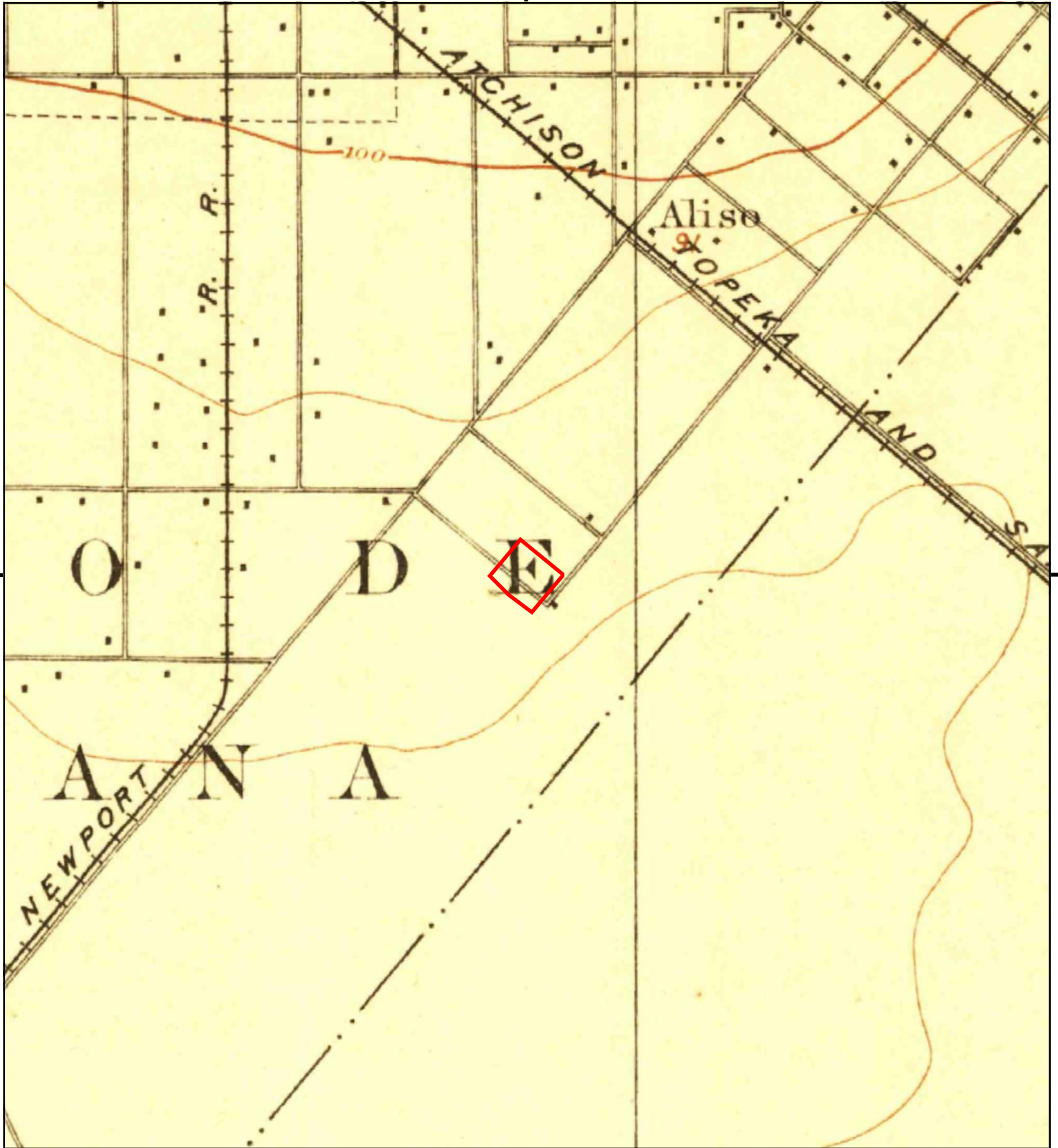
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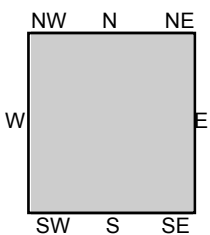
TP, Santa Ana, 1901, 15-minute

SITE NAME: Warner Red Hill
ADDRESS: 2320 Redhill
Santa Ana, CA 92705
CLIENT: Stantec





This report includes information from the following map sheet(s).



TP, Santa Ana, 1896, 15-minute

SITE NAME: Warner Red Hill
ADDRESS: 2320 Redhill
Santa Ana, CA 92705
CLIENT: Stantec





Warner Red Hill

2320 Redhill

Santa Ana, CA 92705

Inquiry Number: 5341350.8

June 22, 2018

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

06/22/18

Site Name:

Warner Red Hill
2320 Redhill
Santa Ana, CA 92705
EDR Inquiry # 5341350.8

Client Name:

Stantec
25864-F Business Center Drive
Redlands, CA 92374
Contact: Alicia Jansen



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
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
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 03, 1989	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1977	1"=500'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 30, 1972	USGS
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: December 12, 1952	USDA
1946	1"=500'	Flight Date: December 29, 1946	USGS
1938	1"=500'	Flight Date: June 21, 1938	USDA

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INQUIRY #: 5341350.8

YEAR: 2016

— = 500'





INQUIRY #: 5341350.8

YEAR: 2012

— = 500'





INQUIRY #: 5341350.8

YEAR: 2009

— = 500'





INQUIRY #: 5341350.8

YEAR: 2005

— = 500'





INQUIRY #: 5341350.8

YEAR: 1994

— = 500'





INQUIRY #: 5341350.8

YEAR: 1989

1" = 500'





INQUIRY #: 5341350.8

YEAR: 1985

— = 500'





INQUIRY #: 5341350.8

YEAR: 1977

— = 500'



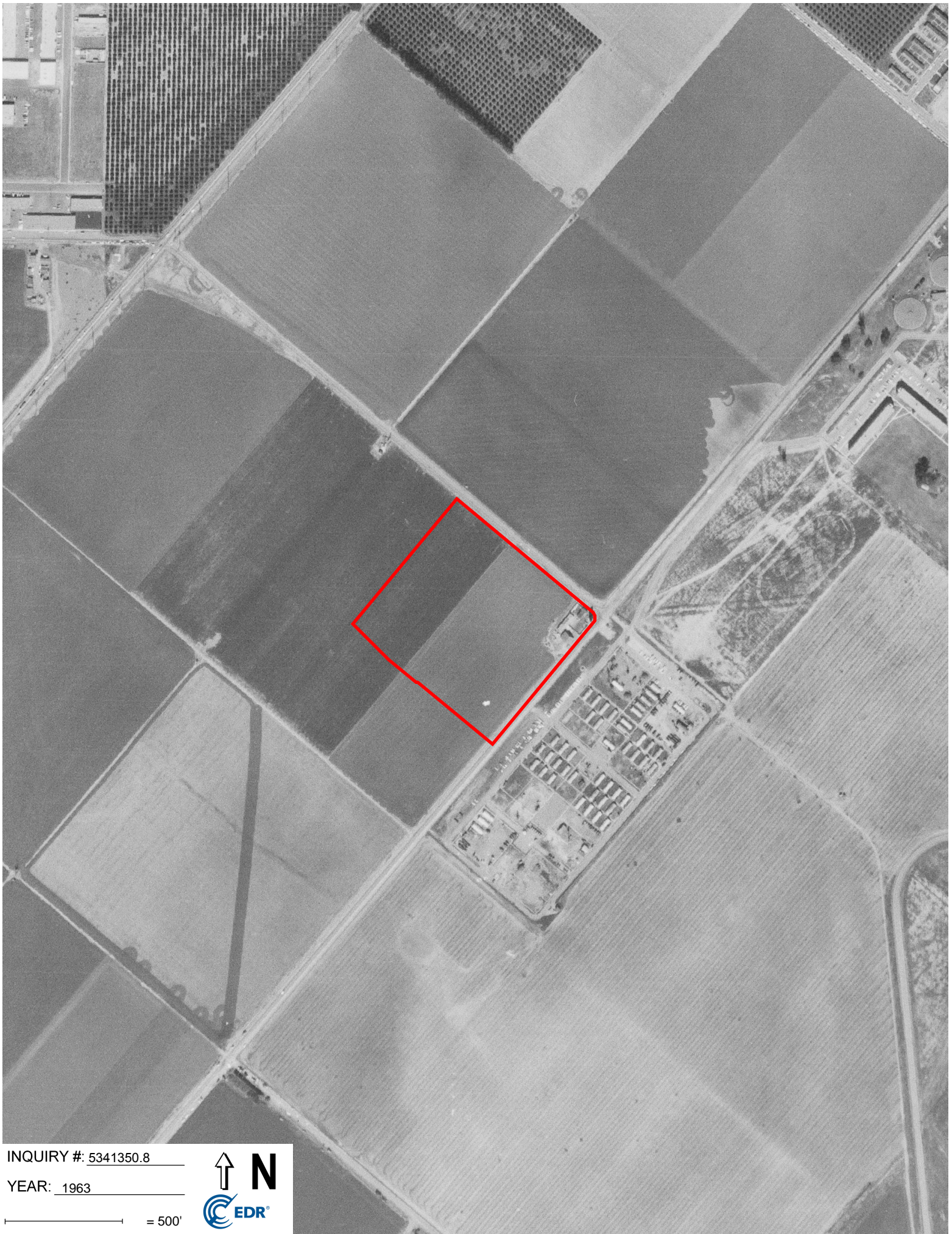


INQUIRY #: 5341350.8

YEAR: 1972

— = 500'





INQUIRY #: 5341350.8

YEAR: 1963

— = 500'





INQUIRY #: 5341350.8

YEAR: 1952

— = 500'





INQUIRY #: 5341350.8

YEAR: 1946

— = 500'





INQUIRY #: 5341350.8

YEAR: 1938

— = 500'



Warner Red Hill

2320 Redhill
Santa Ana, CA 92705

Inquiry Number: 5341350.5
June 22, 2018

The EDR-City Directory Abstract

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 five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

infoUSA[®]

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2005	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2002	Haines Company	-	X	X	-
2001	Pacific Telephone	-	-	-	-
1997	Pacific Bell	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	Pacific Bell	-	-	-	-
1991	Pacific Bell	-	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1986	Pacific Bell	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1975	Luskeys Brothers & Co.	-	-	-	-
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	-	X	X	-
1955	The Pacific Telephone and Telegraph Co.	-	-	-	-
1952	Luskeys Directory Service Co.	-	-	-	-
1950	West Directory Co.	-	-	-	-
1946	Southern California Telephone Co.	-	-	-	-
1945	Western Directory Co.	-	-	-	-
1941	Southern California Telephone Co.	-	-	-	-
1936	Western Directory Co.	-	-	-	-
1930	Western Directory Co.	-	-	-	-
1926	Pacific Telephone	-	-	-	-
1925	Western Directory Co.	-	-	-	-
1922	Kaasen Directory Co.	-	-	-	-
1921	Western Directory Co.	-	-	-	-
1920	Santa Ana Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
2300 Redhill	Client Entered	
2310 Redhill	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

2320 Redhill
Santa Ana, CA 92705

FINDINGS DETAIL

Target Property research detail.

Red Hill Ave

2310 Red Hill Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	RICOH ELECTRONICS INC	EDR Digital Archive

2320 Red Hill Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	RICO ELECTRONICS INC	EDR Digital Archive
	RICOH ELECTRONICS INC	EDR Digital Archive
2010	RICOH ELECTRONICS INC	EDR Digital Archive
2005	RICOH ELECTRONICS INC	EDR Digital Archive

Redhill

2300 Redhill

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

2310 Redhill

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

RED HILL

15901 RED HILL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Standard Construction & Property Maintenance	Pacific Bell
	Standard Concrete Products Inc Plants Santa ANAHEIM	Pacific Bell
	Standard Construction & Property Maintenance	Pacific Bell

RED HILL AVE

2300 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines Company
1991	Ricoh Electronics Inc	Pacific Bell
1986	Ricoh Electronics Inc	Pacific Bell

2306 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Oliver A M	Luskey Brothers

2309 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Trueblood R E	Luskey Brothers

2310 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Decker W P	Luskey Brothers

2314 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Horton F L	Luskey Brothers

2318 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Brown L E	Luskey Brothers

FINDINGS

2320 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	RICOH ELECTRONICS	Haines Company

2322 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Hooper W C	Luskey Brothers

2323 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Smith J E	Luskey Brothers

2326 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Forehan H P	Luskey Brothers

2327 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Kidd G W	Luskey Brothers

2330 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Frances D W	Luskey Brothers

2334 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Johnson W L	Luskey Brothers

2402 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Angermiller L L	Luskey Brothers

2405 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Boldman J D	Luskey Brothers

2406 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Kisow F W	Luskey Brothers

2409 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Crabb C C	Luskey Brothers

FINDINGS

2410 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Rodenbaugh C C	Luskey Brothers

2414 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Fordell J E	Luskey Brothers
	Peevey N B Jr	Luskey Brothers

2418 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Dietrich R G	Luskey Brothers

2422 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Phillips L C	Luskey Brothers

2423 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Pyatt N E	Luskey Brothers

2426 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Gomez Abr	Luskey Brothers
	Ross W D	Luskey Brothers

2431 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Hies FL	Pacific Telephone

2432 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Thompson D D	Luskey Brothers

2435 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Fennell P H	Luskey Brothers

2436 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Kennedy E R	Luskey Brothers

FINDINGS

15901 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BAUER	Haines Company
	ENVRNMNTL&PLNNG	Haines Company
	SV BRANDMAN MICHAEL	Haines Company
	ASSOCIATES COMMONWEALTH	Haines Company
	ENERGYCORP COMNWLTN ENERGY	Haines Company
	CORPORATION DATACONSINC	Haines Company
	DISTEFANOMi CHLCPA	Haines Company
	MBAINTERNATL	Haines Company
	MUNSEYLARRY	Haines Company
1995	INTERNATL	Haines Company
	Calaveras Cement Co	Pacific Bell
	Di Stefano Michael CPA	Pacific Bell
	Diversified Concrete Products	Pacific Bell
	Norand Corp	Pacific Bell
	Oriental Printed Circuits Inc	Pacific Bell
	Preusch Al	Pacific Bell
	Tustin	Pacific Bell
	Standard Concrete Products Inc Plants Santa ANAHEIM	Pacific Bell
1991	Di Stefano Michael CPA	Pacific Bell
	Custom Bookkeeping Services	Pacific Bell
	Davcon Inc	Pacific Bell
	G T R Designs	Pacific Bell
	Main Office	Pacific Bell
	Martlet Importing Co Inc	Pacific Bell
	Mica Ava	Pacific Bell
	Olshefsky Tern A CPA	Pacific Bell
	Oriental Printed Circuits Inc	Pacific Bell
1986	Taiver Group	Pacific Bell
	Davcon Inc	Pacific Bell
	Industrial League Of Orange County Credit Union	Pacific Bell
	Planned Interor Environments	Pacific Bell
	Industrial League Credit Union	Pacific Bell

FINDINGS

Red Hill Ave

15941 Red Hill Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	STERLING TOUCH WELLNESS	EDR Digital Archive
	HOME LOAN ENTERPRISE	EDR Digital Archive
	MARANI BRANDS GROUP	EDR Digital Archive
	PERSIA INC	EDR Digital Archive
	CLICK 5 MEDIA LLC	EDR Digital Archive
	NATIONAL DATA SYSTEMS LLC	EDR Digital Archive
	MARANI BRANDS GROUP	EDR Digital Archive
	PERSIA INC	EDR Digital Archive
	NATIONAL DATA SYSTEMS LLC	EDR Digital Archive
	CLICK 5 MEDIA LLC	EDR Digital Archive
	STERLING TOUCH WELLNESS	EDR Digital Archive
	HOME LOAN ENTERPRISE	EDR Digital Archive
2010	OPTIMA MORTGAGE CORPORATION	EDR Digital Archive
	CERTIFIED AUTO PROTECTION	EDR Digital Archive
	EXIDE ELECTRONICS	EDR Digital Archive
	LONE PINE DIGITAL	EDR Digital Archive
	ABC LOAN RELIEF INC	EDR Digital Archive
	EATON CORPORATION	EDR Digital Archive
	NATIONAL DATA SYSTEMS LLC	EDR Digital Archive
	PILAR MRTG & FINCL SVCS INC	EDR Digital Archive
	EARTH LOK INDUSTRIES INC	EDR Digital Archive
	AMERICAN GOLF RANKING ASSN	EDR Digital Archive
	GRAVES MINDY LAW OFFICES	EDR Digital Archive
	UNIQUE IMPORTS INC	EDR Digital Archive
	NO LIMITS CHIROPRACTIC	EDR Digital Archive
	BENNETT GROUP	EDR Digital Archive
	PPS 2 INC	EDR Digital Archive
	PPS 2 INC	EDR Digital Archive
	NATIONAL DATA SYSTEMS LLC	EDR Digital Archive
	PILAR MRTG & FINCL SVCS INC	EDR Digital Archive
	AMERICAN GOLF RANKING ASSN	EDR Digital Archive
	EATON CORPORATION	EDR Digital Archive
	EARTH LOK INDUSTRIES INC	EDR Digital Archive
	OPTIMA MORTGAGE CORPORATION	EDR Digital Archive
	CERTIFIED AUTO PROTECTION	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	EXIDE ELECTRONICS	EDR Digital Archive
	LONE PINE DIGITAL	EDR Digital Archive
	NO LIMITS CHIROPRACTIC	EDR Digital Archive
	ABC LOAN RELIEF INC	EDR Digital Archive
	BENNETT GROUP	EDR Digital Archive
	UNIQUE IMPORTS INC	EDR Digital Archive
	GRAVES MINDY LAW OFFICES	EDR Digital Archive
2005	GRAVES MINDY LAW OFFICES	EDR Digital Archive
	EAGLE STAFFING SERVICES INC	EDR Digital Archive
	PAKISTANLINK LLC	EDR Digital Archive
	TRANCONTINENTAL TITLE INSUR	EDR Digital Archive
	FIDELITY TITLE CO	EDR Digital Archive
	MORTGAGE ADVISOR COUNSEL AM	EDR Digital Archive
	PMC TECHNICAL SALES INC	EDR Digital Archive
	LONE PINE DIGITAL	EDR Digital Archive
	PAYDAY EXPRESS INC	EDR Digital Archive
	PMC TECHNICAL SALES INC	EDR Digital Archive
	EARTH LOK INDUSTRIES INC	EDR Digital Archive
	FIRE FIGHTERS ASSOCIATION	EDR Digital Archive
	EATON CORPORATION	EDR Digital Archive
	EAGLE STAFFING SERVICES INC	EDR Digital Archive
	GRAVES MINDY LAW OFFICES	EDR Digital Archive
	EARTH LOK INDUSTRIES INC	EDR Digital Archive
	EATON CORPORATION	EDR Digital Archive
	FIRE FIGHTERS ASSOCIATION	EDR Digital Archive
	PAYDAY EXPRESS INC	EDR Digital Archive
	PMC TECHNICAL SALES INC	EDR Digital Archive
	TRANCONTINENTAL TITLE INSUR	EDR Digital Archive
	PAKISTANLINK LLC	EDR Digital Archive
	LONE PINE DIGITAL	EDR Digital Archive
	FIDELITY TITLE CO	EDR Digital Archive
	MORTGAGE ADVISOR COUNSEL AM	EDR Digital Archive
	PMC TECHNICAL SALES INC	EDR Digital Archive

RED HILL AVE

15941 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SALES THE PAKISTAN LINK	Haines Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	FIREFIGHTERS PMCTECHNICAL	Haines Company
	CMPTR GRP ORANGECOUNTYPRO	Haines Company
	INTERNATIONAL	Haines Company
	INTERNATL INC FORBES	Haines Company
	SERVICE FOCUS SOFTWARE	Haines Company
	SALES EXIDE ELECTRONICS	Haines Company
	SERVICES 6 EXIE ELECTRONICS	Haines Company
	EAGLE STAFFING	Haines Company
	BENNETTGROUPTHE	Haines Company
	BUILDING AUDIORAMPCOM	Haines Company
1995	Wolfe & Associates Inc	Pacific Bell
	Professional Parking Services Inc	Pacific Bell
	Paragon Group Inc	Pacific Bell
	Paragon Group Inc	Pacific Bell
	Incon Building Systems Inc	Pacific Bell
	Exide Electronics Sales	Pacific Bell
	Delahanty Development Co	Pacific Bell
	Exide Electronics Service	Pacific Bell
1991	Wolfe & Associates Inc	Pacific Bell
	Warner Red Hill Business Center Paragon	Pacific Bell
	Incon Systems Inc	Pacific Bell
	Incon Building Systems Inc	Pacific Bell
	Home Builders Mortgage	Pacific Bell
	Exide Electronics Service	Pacific Bell
	Exide Electronics Sales	Pacific Bell
	Delahanty Development Co	Pacific Bell
	Conover Patrick & Associates	Pacific Bell
1986	Orange County Branch Sales Office	Pacific Bell
	District Office	Pacific Bell

Red Hill Ave

15991 Red Hill Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PARAMOUNT MARKETING INC	EDR Digital Archive
	SAVILO SUPPORT SERVICES INC	EDR Digital Archive
	REMM GROUP	EDR Digital Archive
	COMMONWEALTH ENERGY INVESTMENT	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	E BUSINESS SOLUTION PROS INC	EDR Digital Archive
	D & E SPPORT PROFESSIONALS INC	EDR Digital Archive
	STAY-LINKED CORPORATION	EDR Digital Archive
	TEMPLOY INC	EDR Digital Archive
	PAL-PILOT S C CORP	EDR Digital Archive
	PALPILOT INTERNATIONAL CORP	EDR Digital Archive
	EVOLVEIT INC	EDR Digital Archive
	BLUE SKY THE CLOR IMGNTION LLC	EDR Digital Archive
	ECO INVESTMENT PROPERTY	EDR Digital Archive
	PRIMERICA	EDR Digital Archive
	PARAMOUNT MARKETING INC	EDR Digital Archive
	SAVILO SUPPORT SERVICES INC	EDR Digital Archive
	REMM GROUP	EDR Digital Archive
	COMMONWEALTH ENERGY INVESTMENT	EDR Digital Archive
	E BUSINESS SOLUTION PROS INC	EDR Digital Archive
	D & E SPPORT PROFESSIONALS INC	EDR Digital Archive
	STAY-LINKED CORPORATION	EDR Digital Archive
	PAL-PILOT S C CORP	EDR Digital Archive
	PALPILOT INTERNATIONAL CORP	EDR Digital Archive
	TEMPLOY INC	EDR Digital Archive
	EVOLVEIT INC	EDR Digital Archive
	BLUE SKY THE CLOR IMGNTION LLC	EDR Digital Archive
	ECO INVESTMENT PROPERTY	EDR Digital Archive
	PRIMERICA	EDR Digital Archive
2010	RATECAST FINANCIAL	EDR Digital Archive
	TRANSPORT TECHNOLOGIES INC	EDR Digital Archive
	VERSATILE ONE SOLUTIONS	EDR Digital Archive
	STAY-LINKED CORPORATION	EDR Digital Archive
	C1F INC	EDR Digital Archive
	BRANDING LOGIX INC	EDR Digital Archive
	EVOLVEIT INC	EDR Digital Archive
	BLUE SKY THE CLOR IMGNTION LLC	EDR Digital Archive
	FASTNET COMMUNICATIONS	EDR Digital Archive
	ONPOINTNET	EDR Digital Archive
	PAL-PILOT S C CORP	EDR Digital Archive
	TUSTIN FIELD II COMMUNITY ASSN	EDR Digital Archive
	PALPILOT SC CORPORATION	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	OCEAN WEST HOLDING CORPORATION	EDR Digital Archive
	COMMONWEALTH ENERGY INVESTMENT	EDR Digital Archive
	E BUSINESS SOLUTION PROS INC	EDR Digital Archive
	D & E SPPORT PROFESSIONALS INC	EDR Digital Archive
	ARMORED INVESTMENT GROUP	EDR Digital Archive
	SAVILO SUPPORT SERVICES INC	EDR Digital Archive
	SMALL BUSINESS ASSISTANCE CORP	EDR Digital Archive
	BLUE STAR CREDIT SOLUTIONS	EDR Digital Archive
	PARAMOUNT MARKETING INC	EDR Digital Archive
	JR MARKETING GROUP	EDR Digital Archive
	TRANSPPOINT TECHNOLOGIES INC	EDR Digital Archive
	VERSATILE ONE SOLUTIONS	EDR Digital Archive
	STAY-LINKED CORPORATION	EDR Digital Archive
	C1F INC	EDR Digital Archive
	BRANDING LOGIX INC	EDR Digital Archive
	BLUE SKY THE CLOR IMGNTION LLC	EDR Digital Archive
	RATECAST FINANCIAL	EDR Digital Archive
	FASTNET COMMUNICATIONS	EDR Digital Archive
	ONPOINTNET	EDR Digital Archive
	PAL-PILOT S C CORP	EDR Digital Archive
	TUSTIN FIELD II COMMUNITY ASSN	EDR Digital Archive
	PALPILOT SC CORPORATION	EDR Digital Archive
	SMALL BUSINESS ASSISTANCE CORP	EDR Digital Archive
	BLUE STAR CREDIT SOLUTIONS	EDR Digital Archive
	E BUSINESS SOLUTION PROS INC	EDR Digital Archive
	D & E SPPORT PROFESSIONALS INC	EDR Digital Archive
	OCEAN WEST HOLDING CORPORATION	EDR Digital Archive
	COMMONWEALTH ENERGY INVESTMENT	EDR Digital Archive
	ARMORED INVESTMENT GROUP	EDR Digital Archive
	EVOLVEIT INC	EDR Digital Archive
	SAVILO SUPPORT SERVICES INC	EDR Digital Archive
	PARAMOUNT MARKETING INC	EDR Digital Archive
	JR MARKETING GROUP	EDR Digital Archive
	PACIFICWEST GENERAL CONTR	EDR Digital Archive
	PACIFICWEST GENERAL CONTR	EDR Digital Archive
2005	ALLWORLD MORTGAGE FUNDING	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	ALLWORLD MORTGAGE FUNDING	EDR Digital Archive
	AXCESS INC	EDR Digital Archive
	OCEAN WEST HOLDING CORPORATION	EDR Digital Archive
	SOFT TRAIN COMPUTER TRAINING C	EDR Digital Archive
	MORTGAGE BANQ CORPORATION	EDR Digital Archive
	MORTGAGE TECHNOLOGY	EDR Digital Archive
	OCEAN WEST ENTERPRISES INC	EDR Digital Archive
	411 HOME LOANS	EDR Digital Archive
	AXCESS INC	EDR Digital Archive
	OCEAN WEST HOLDING CORPORATION	EDR Digital Archive
	411 HOME LOANS	EDR Digital Archive
	SOFT TRAIN COMPUTER TRAINING C	EDR Digital Archive
	MORTGAGE TECHNOLOGY	EDR Digital Archive
	OCEAN WEST ENTERPRISES INC	EDR Digital Archive
	MORTGAGE BANQ CORPORATION	EDR Digital Archive

RED HILL AVE

15991 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	INVESTMENTS DEESUPPORT	Haines Company
	LENDERS OCEAN WEST FUNDING	Haines Company
	PROFESSIONALS INC NATIONAL EQUITY	Haines Company
	COMNWLTR ENERGY	Haines Company
1995	WCTCommunications	Pacific Bell
	Soft Train Computer	Pacific Bell
	Hultt Zollars Inc	Pacific Bell
	Energy Systems Associates	Pacific Bell
	Carnot	Pacific Bell
	Business Telemanagement Inc	Pacific Bell
1991	RB Allen Group	Pacific Bell
	RB Allen Group	Pacific Bell
	RB Allen Group	Pacific Bell
	RB Allen Group	Pacific Bell
	RB Allen Group	Pacific Bell
	RB Allen Group	Pacific Bell
	RB Allen Group Corporate Office	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Norashkharyan Romeo Panos	Pacific Bell
	Norand Corp	Pacific Bell
	Huizar Angie	Pacific Bell
	Huizar A SO	Pacific Bell
	Huiza Ricardo a	Pacific Bell
	Huitt Zolars Inc	Pacific Bell
	Energy Systems Associates	Pacific Bell
	Energeo Inc	Pacific Bell
	Consolidated Pacific Group	Pacific Bell
	Carnot	Pacific Bell
1986	Corporate Office	Pacific Bell
	Glasrock Home Health Care	Pacific Bell
	Glasrock Home Health Care	Pacific Bell
	Far West Savings & Loan Assoc	Pacific Bell

Redhill Ave

15991 Redhill Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	OCEAN WEST HOLDING CORPORATION	EDR Digital Archive
	EBUSINESS SOLUTION PROS INC	EDR Digital Archive
	OCEAN WEST HOLDING CORPORATION	EDR Digital Archive
	EBUSINESS SOLUTION PROS INC	EDR Digital Archive

WARNER

1385 WARNER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Jewish Federation Of Orange County	Pacific Bell

WARNER AVE

1371 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	COMMUNICATION RACER MAGAZINE	Haines Company
	RACER	Haines Company
	PFANNER COMMNCTNS	Haines Company
	ACCESSORIES	Haines Company
	AMERICA AS	Haines Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BUSINESSPOINT	Haines Company
1995	Racer Magazine	Pacific Bell
	Racer Communications	Pacific Bell
	Pfanner Communications Inc	Pacific Bell
	Frontline Mortgage Co	Pacific Bell
1991	Gateway West Inc	Pacific Bell
	Advanceware Inc	Pacific Bell
	Wiseadvice	Pacific Bell
1986	Interline Communications	Pacific Bell

Warner Ave

1381 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PLANT A SEED INSTITUTE	EDR Digital Archive
	THJ REAL ESTATE SERVICES	EDR Digital Archive
	DEMAND HOT WATER PUMPS	EDR Digital Archive
	AGAPE GLOBAL SERVICES INC	EDR Digital Archive
	TRANSPORTATION CALIFORNIA DEPT	EDR Digital Archive
	DANNY CHANG & ASSOCIATES INC	EDR Digital Archive
	ASTROID TECH INC	EDR Digital Archive
	DISH DIRECT NETWORK INC	EDR Digital Archive
	AGAPE GLOBAL SERVICES INC	EDR Digital Archive
	DEMAND HOT WATER PUMPS	EDR Digital Archive
	PLANT A SEED INSTITUTE	EDR Digital Archive
	THJ REAL ESTATE SERVICES	EDR Digital Archive
	TRANSPORTATION CALIFORNIA DEPT	EDR Digital Archive
	DANNY CHANG & ASSOCIATES INC	EDR Digital Archive
	ASTROID TECH INC	EDR Digital Archive
	DISH DIRECT NETWORK INC	EDR Digital Archive
2010	DISH DIRECT NETWORK INC	EDR Digital Archive
	ASTROID TECH INC	EDR Digital Archive
	DANNY CHANG & ASSOCIATES INC	EDR Digital Archive
	TRANSPORTATION CALIFORNIA DEPT	EDR Digital Archive
	ADAPTIVE INVESTMENTS CORP	EDR Digital Archive
	THJ REAL ESTATE SERVICES	EDR Digital Archive
	JOURNEY MANAGEMENT	EDR Digital Archive
	INTELLIGENT TRENDS LLC	EDR Digital Archive
	SOLUTION21	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	DISH DIRECT NETWORK INC	EDR Digital Archive
	ASTROID TECH INC	EDR Digital Archive
	DANNY CHANG & ASSOCIATES INC	EDR Digital Archive
	TRANSPORTATION CALIFORNIA DEPT	EDR Digital Archive
	ADAPTIVE INVESTMENTS CORP	EDR Digital Archive
	JOURNEY MANAGEMENT	EDR Digital Archive
	THJ REAL ESTATE SERVICES	EDR Digital Archive
	INTELLIGENT TRENDS LLC	EDR Digital Archive
	SOLUTION21	EDR Digital Archive
2005	LAPCO INC	EDR Digital Archive
	FIDELITY FAMILY HOLDINGS	EDR Digital Archive
	RESIDENTIAL CREDIT REPORTS	EDR Digital Archive
	TRUSTED HOME MORTGAGE	EDR Digital Archive
	ALPHABET TYPE	EDR Digital Archive
	THJ REAL ESTATE SERVICES	EDR Digital Archive
	TOZAI INC	EDR Digital Archive
	FIDELITY ENTERTAINMENT GROUP L	EDR Digital Archive
	ADAPTIVE INVESTMENTS CORP	EDR Digital Archive
	TRANSPORTATION CALIFORNIA DEPT	EDR Digital Archive
	RIVERWOOD GLEN LLC	EDR Digital Archive
	DANNY CHANG & ASSOCIATES INC	EDR Digital Archive
	ASTROID TECH INC	EDR Digital Archive
	EU COR INC	EDR Digital Archive
	BELVEDERE BANCORP	EDR Digital Archive
	MBIA MUNISERVICES COMPANY	EDR Digital Archive
	TRUSTED HOME MORTGAGE	EDR Digital Archive
	RESIDENTIAL CREDIT REPORTS	EDR Digital Archive
	FIDELITY FAMILY HOLDINGS	EDR Digital Archive
	LAPCO INC	EDR Digital Archive
	THJ REAL ESTATE SERVICES	EDR Digital Archive
	ALPHABET TYPE	EDR Digital Archive
	TOZAI INC	EDR Digital Archive
	ADAPTIVE INVESTMENTS CORP	EDR Digital Archive
	TRANSPORTATION CALIFORNIA DEPT	EDR Digital Archive
	RIVERWOOD GLEN LLC	EDR Digital Archive
	FIDELITY ENTERTAINMENT GROUP L	EDR Digital Archive
	DANNY CHANG & ASSOCIATES INC	EDR Digital Archive
	ASTROID TECH INC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	EU COR INC	EDR Digital Archive
	BELVEDERE BANCORP	EDR Digital Archive
	MBIA MUNISERVICES COMPANY	EDR Digital Archive

WARNER AVE

1381 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SERVICES SOCIAL MUNICIPAL RESOURCE	Haines Company
	MUNICIPALRESOURCE	Haines Company
	LEGAL RECOVERY	Haines Company
	JAYSTANLEYJCPA	Haines Company
	HASK 11 UOSAMUCPA	Haines Company
	ONAMICROCORP	Haines Company
	CONSULTANTS STASSINOS PAUL LAW	Haines Company
	JAY&COCPAS	Haines Company
	OFFICE TAKENAGAHASHIZU	Haines Company
1995	QSP Digital Inc	Pacific Bell
	Municipal Resource Consultants	Pacific Bell
	Jay Stanley J CPA	Pacific Bell
1991	Applied Graphics Technologies	Pacific Bell
1986	PAC CORP	Pacific Bell
	Kane & Associates	Pacific Bell
	Control Media Corporation	Pacific Bell
	Alphabet Type	Pacific Bell
	Alphabet Type	Pacific Bell
	Afton Computers	Pacific Bell

Warner Ave

1385 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ROVER DATA SYSTEMS INC	EDR Digital Archive
	WUNDERMARX INC	EDR Digital Archive
	WUNDERMARX INC	EDR Digital Archive
	ROVER DATA SYSTEMS INC	EDR Digital Archive
2010	ROVER DATA SYSTEMS INC	EDR Digital Archive
	BIG DEVELOPMENT INC	EDR Digital Archive
	WUNDERMARX INC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	WUNDERMARX INC	EDR Digital Archive
	BIG DEVELOPMENT INC	EDR Digital Archive
	ROVER DATA SYSTEMS INC	EDR Digital Archive
2005	ROVER DATA SYSTEMS INC	EDR Digital Archive
	DM MANGEMENT RESOURCES INC	EDR Digital Archive
	GH DEVELOPMENT LLC	EDR Digital Archive
	INTELLIPOWER INC	EDR Digital Archive
	INTELLIPOWER INC	EDR Digital Archive
	ROVER DATA SYSTEMS INC	EDR Digital Archive
	DM MANGEMENT RESOURCES INC	EDR Digital Archive
	GH DEVELOPMENT LLC	EDR Digital Archive

WARNER AVE

1385 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	FUNDING TC INTERNATIONAL	Haines Company
	LIVING WATER	Haines Company
	INTELLIPOWERINC	Haines Company
	HTRESEARCH	Haines Company
	GETPAIDSYSTEMS	Haines Company
1995	United Jewish Fund UJA	Pacific Bell
	Jewish Welfare Fund	Pacific Bell
	Jewish Federation Of Orange County	Pacific Bell
1991	United Jewish Fund UJA	Pacific Bell
	Pfanner Catheron Brown Publications	Pacific Bell
	Jewish Welfare Fund	Pacific Bell
	Jewish Federation Of Orange County	Pacific Bell
1986	MARS HALL LE W IS & AS S OCIATE S	Pacific Bell
	Sequoia Pacific System Corp	Pacific Bell
	Diamond Match Company The	Pacific Bell

Warner Ave

1391 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	FINANCIAL SVCS INVESTMENTS INC	EDR Digital Archive
	MEDREC SERVICES INCORPORATED	EDR Digital Archive
	CHECK ADVANCE 90	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	FIVE STAR DENTAL LAB	EDR Digital Archive
	FINANCIAL SVCS INVESTMENTS INC	EDR Digital Archive
	MEDREC SERVICES INCORPORATED	EDR Digital Archive
	CHECK ADVANCE 90	EDR Digital Archive
	FIVE STAR DENTAL LAB	EDR Digital Archive
2005	FUGURO WEST INC	EDR Digital Archive
	NEW ANGEL MEDIA LLC	EDR Digital Archive
	MEDREC SERVICES INC	EDR Digital Archive
	LOCATOR INDUSTRIES	EDR Digital Archive
	MAGIC START LTD	EDR Digital Archive
	INDEPENDENT DENTISTS ASSN CALI	EDR Digital Archive
	EUROP INFO SYSTEM INC	EDR Digital Archive
	FUGURO WEST INC	EDR Digital Archive
	NEW ANGEL MEDIA LLC	EDR Digital Archive
	MEDREC SERVICES INC	EDR Digital Archive
	LOCATOR INDUSTRIES	EDR Digital Archive
	MAGIC START LTD	EDR Digital Archive
	INDEPENDENT DENTISTS ASSN CALI	EDR Digital Archive
	EUROP INFO SYSTEM INC	EDR Digital Archive

WARNER AVE

1391 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	INSTANT NETWORKS	Haines Company
	DRIVING MEDIA	Haines Company
1995	Nupon Computing Corp	Pacific Bell
1986	Sentec Inc	Pacific Bell

Warner Ave

1395 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SPECTRUM SURGICAL	EDR Digital Archive
	SPECTRUM SURGICAL	EDR Digital Archive
2010	SYANGE TECHNOLOGY	EDR Digital Archive
	SYANGE TECHNOLOGY	EDR Digital Archive
2005	HYPERTISING NETWORK	EDR Digital Archive
	ORCON-MEXICO LLC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HYPERTISING NETWORK	EDR Digital Archive
	ORCON-MEXICO LLC	EDR Digital Archive

WARNER AVE

1395 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	JOYWRITERS	Haines Company
	NEWTECH INFO	Haines Company
	SYSTEMS	Haines Company
1991	Capitol Construction	Pacific Bell
1986	Interstate Computer Group	Pacific Bell
	La Salle Financial Corp	Pacific Bell
	G S Computer Corp	Pacific Bell
	Capitol Construction	Pacific Bell

Warner Ave

1401 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	GMC ENGINEERING INC	EDR Digital Archive
	GASS CONSTRUCTION COMPANY INC	EDR Digital Archive
	TWINS EQUIPMENT INC	EDR Digital Archive
	GASS CONSTRUCTION COMPANY INC	EDR Digital Archive
	TWINS EQUIPMENT INC	EDR Digital Archive
	GMC ENGINEERING INC	EDR Digital Archive
2010	GASS CONSTRUCTION COMPANY INC	EDR Digital Archive
	GMC ENGINEERING INC	EDR Digital Archive
	TWINS EQUIPMENT INC	EDR Digital Archive
	WORLD BIBLE SOCIETY	EDR Digital Archive
	BIBLE INSTITUTE OF AIR	EDR Digital Archive
	TWINS EQUIPMENT INC	EDR Digital Archive
	GASS CONSTRUCTION COMPANY INC	EDR Digital Archive
	GMC ENGINEERING INC	EDR Digital Archive
	SPECTRA SYSTEMS COMPANY	EDR Digital Archive
	WORLD BIBLE SOCIETY	EDR Digital Archive
	BIBLE INSTITUTE OF AIR	EDR Digital Archive
	SPECTRA SYSTEMS COMPANY	EDR Digital Archive
2005	MCE CONSULTANTS INC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	BIBLE INSTITUTE OF AIR	EDR Digital Archive
	CHARTIABLE ALLIANCE	EDR Digital Archive
	MCE CONSULTANTS INC	EDR Digital Archive
	GMC ENGINEERING INC	EDR Digital Archive
	PRECISION MEASUREMENT EQP	EDR Digital Archive
	BIBLE INSTITUTE OF AIR	EDR Digital Archive
	CHARTIABLE ALLIANCE	EDR Digital Archive
	GMC ENGINEERING INC	EDR Digital Archive
	PRECISION MEASUREMENT EQP	EDR Digital Archive

WARNER AVE

1401 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	INC MAYHEWAASSOCIATES	Haines Company
	G O C ENGINEERING	Haines Company
1995	E Funds Corp	Pacific Bell
1991	Fire Sentry Corp	Pacific Bell
1986	Greaney Peter MD	Pacific Bell
	Allan Ralph E atty	Pacific Bell
	Med Tox Associates Inc	Pacific Bell

Warner Ave

1405 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PDCA GOLDEN STATE COUNCIL INC	EDR Digital Archive
	MEETING PROFESSIONALS INTL	EDR Digital Archive
	CCIM ORANGE COUNTY	EDR Digital Archive
	ASCE LA SECTION	EDR Digital Archive
	FINANCIAL SVCS INVESTMENTS INC	EDR Digital Archive
	MEETING PROFESSIONALS INTERNAT	EDR Digital Archive
	EXECUTIVES ASSN ORANGE CNTY	EDR Digital Archive
	AMERICAN SCTY CVL ENGNRS LA SC	EDR Digital Archive
	ACG OC	EDR Digital Archive
	EXECUTIVES ASSN ORANGE CNTY	EDR Digital Archive
	AMERICAN SCTY CVL ENGNRS LA SC	EDR Digital Archive
	MEETING PROFESSIONALS INTERNAT	EDR Digital Archive
	ACG OC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MEETING PROFESSIONALS INTL	EDR Digital Archive
	ASCE LA SECTION	EDR Digital Archive
	PDCA GOLDEN STATE COUNCIL INC	EDR Digital Archive
	CCIM ORANGE COUNTY	EDR Digital Archive
	FINANCIAL SVCS INVESTMENTS INC	EDR Digital Archive
2010	SO CAL ASSN OF CIVIL ENGRES	EDR Digital Archive
	ORANGE CNTY EMPLOYEE BENEFIT CN	EDR Digital Archive
	PDCA GOLDEN STATE COUNCIL INC	EDR Digital Archive
	MEETING PROFESSIONALS INTL	EDR Digital Archive
	CCIM ORANGE COUNTY	EDR Digital Archive
	SCPDCA TRAINING TRUST FUND	EDR Digital Archive
	SO CALIFORNIA PDCA	EDR Digital Archive
	UNION MGT LBOR RLTONS CMMITTEE	EDR Digital Archive
	INSTITUTE OF REAL EM OC CH 91	EDR Digital Archive
	ACG OC	EDR Digital Archive
	MEETING PROFESSIONALS INTERNAT	EDR Digital Archive
	ACG OC	EDR Digital Archive
	MEETING PROFESSIONALS INTERNAT	EDR Digital Archive
	MEETING PROFESSIONALS INTL	EDR Digital Archive
	ORANGE CNTY EMPLOYEE BENEFIT CN	EDR Digital Archive
	PDCA GOLDEN STATE COUNCIL INC	EDR Digital Archive
	CCIM ORANGE COUNTY	EDR Digital Archive
	SCPDCA TRAINING TRUST FUND	EDR Digital Archive
	SO CALIFORNIA PDCA	EDR Digital Archive
	UNION MGT LBOR RLTONS CMMITTEE	EDR Digital Archive
2005	INSTITUTE OF REAL EM OC CH 91	EDR Digital Archive
	SO CAL ASSN OF CIVIL ENGRES	EDR Digital Archive
	ASCE	EDR Digital Archive
	TECH COAST VENTURE NETWORK	EDR Digital Archive
	TRADE LITHO ELECTR PREPRESS	EDR Digital Archive
	SAFETY ASSOCATES INC	EDR Digital Archive
	EXECUTIVE COML COLLECTIONS	EDR Digital Archive
	NATIONAL OFFICE SUPPLIES INC	EDR Digital Archive
	NATIONAL MEDICAL WAREHOUSING	EDR Digital Archive
	ASSN HYGIENE INC	EDR Digital Archive
	TECH COAST VENTURE NETWORK	EDR Digital Archive
	ASCE	EDR Digital Archive
	TRADE LITHO ELECTR PREPRESS	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	EXECUTIVE COML COLLECTIONS	EDR Digital Archive
	SAFETY ASSOCATES INC	EDR Digital Archive
	NATIONAL OFFICE SUPPLIES INC	EDR Digital Archive
	NATIONAL MEDICAL WAREHOUSING	EDR Digital Archive
	ASSN HYGIENE INC	EDR Digital Archive

WARNER AVE

1405 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	INC SAFTEST	Haines Company
	SAFETYASSOCIATES	Haines Company
1995	ECC Attorney Service	Pacific Bell
	Executive Commercial Collections	Pacific Bell
	MJR Platinum Club	Pacific Bell
	Swisher Of Orange County	Pacific Bell
1991	M F I Printing Corp	Pacific Bell
	National Medical Warehousing Inc	Pacific Bell
	National Office Supplies	Pacific Bell
	YPM Inc	Pacific Bell
	Yellow Pages Media	Pacific Bell
1986	National Office Supplies	Pacific Bell
	Northern Petrochemical Co	Pacific Bell
	National Medical Warehousing Inc	Pacific Bell

1409 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Santa Ana	Pacific Telephone

Warner Ave

1411 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FUGRO WEST INC	EDR Digital Archive
	JOSHUA SHIN INC	EDR Digital Archive
	FUGRO WEST INC	EDR Digital Archive
	JOSHUA SHIN INC	EDR Digital Archive
2010	FUGRO WEST INC	EDR Digital Archive
	LE RITZ ACDEMY ACTING MODELING	EDR Digital Archive
	SYAGEN TECHNOLOGY INC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	FUGRO WEST INC	EDR Digital Archive
	SYAGEN TECHNOLOGY INC	EDR Digital Archive
	LE RITZ ACDEMY ACTING MODELING	EDR Digital Archive
2005	STUDIO DRAFTING	EDR Digital Archive
	TOTAL DATA CORP	EDR Digital Archive
	SYAGEN TECHNOLOGY INC	EDR Digital Archive
	SYAGEN TECHNOLOGY INC	EDR Digital Archive
	STUDIO DRAFTING	EDR Digital Archive
	TOTAL DATA CORP	EDR Digital Archive

WARNER AVE

1411 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	COMPUTE AID INC	Haines Company
	STUDIO DRAFTING	Haines Company
	SYAGEN TECHNOLOGY	Haines Company
1995	2000 One Inc	Pacific Bell
1986	Meraz Design	Pacific Bell
	Manos Anthony D Design	Pacific Bell
	L E A Design	Pacific Bell
	Harrison Lewis Design	Pacific Bell
	Agiatron Corp	Pacific Bell

Warner Ave

1413 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	KEN AGHAROKH & ASSOC	EDR Digital Archive
	KEN AGHAROKH & ASSOC	EDR Digital Archive

1415 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SHANGRI-LA TEA COMPANY INC	EDR Digital Archive
	HARVEST TIME MINISTRIES	EDR Digital Archive
	WIEDERMAN & ASSOCIATES CPA PC	EDR Digital Archive
	COOPER SUSAN A	EDR Digital Archive
	WIEDERMAN & ASSOCIATES CPA PC	EDR Digital Archive
	COOPER SUSAN A	EDR Digital Archive
	HARVEST TIME MINISTRIES	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SHANGRI-LA TEA COMPANY INC	EDR Digital Archive
2010	HARVEST TIME MINISTRIES	EDR Digital Archive
	TOP NOTCH GRAPHIC	EDR Digital Archive
	WIEDERMAN & ASSOCIATES CPA PC	EDR Digital Archive
	COOPER SUSAN A	EDR Digital Archive
	CAREER OPPORTUNITIES	EDR Digital Archive
	WIEDERMAN & ASSOCIATES CPA PC	EDR Digital Archive
	COOPER SUSAN A	EDR Digital Archive
	HARVEST TIME MINISTRIES	EDR Digital Archive
	TOP NOTCH GRAPHIC	EDR Digital Archive
	CAREER OPPORTUNITIES	EDR Digital Archive
2005	PONDANET	EDR Digital Archive
	WIEDERMAN & ASSOCIATES CPA PC	EDR Digital Archive
	COOPER SUSAN A	EDR Digital Archive
	CRESTA LAND SERVICES INC	EDR Digital Archive
	PONDANET	EDR Digital Archive
	WIEDERMAN & ASSOCIATES CPA PC	EDR Digital Archive
	COOPER SUSAN A	EDR Digital Archive
	CRESTA LAND SERVICES INC	EDR Digital Archive

WARNER AVE

1415 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	ATES WIEDERMAN&ASSOCI	Haines Company
	WIEDERMANSASSOCI	Haines Company
	TOPNOTCH PRINTING	Haines Company
	PRIDE INSTITUTE	Haines Company
	PHOTO NETWORK	Haines Company
	COOPERSUSANACPA	Haines Company
1995	Wiederman & Associates	Pacific Bell
	Noeick & Associates	Pacific Bell
	Fashion Savers Inc	Pacific Bell
	CTI Systems	Pacific Bell
1991	Wiederman & Associates	Pacific Bell

FINDINGS

Warner Ave

1421 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OH INSURANCE AGENCY	EDR Digital Archive
	OH INSURANCE AGENCY	EDR Digital Archive
2010	ORANGE COUNTY MUTUAL FUNDING	EDR Digital Archive
	JOYFULL HOLIDAY	EDR Digital Archive
	AFFORDABLE HOUSING PARTNERSHIP	EDR Digital Archive
	MAYERCHECK DESIGN	EDR Digital Archive
	OH INSURANCE AGENCY	EDR Digital Archive
	ORANGE COUNTY MUTUAL FUNDING	EDR Digital Archive
	OH INSURANCE AGENCY	EDR Digital Archive
	MAYERCHECK DESIGN	EDR Digital Archive
	JOYFULL HOLIDAY	EDR Digital Archive
	AFFORDABLE HOUSING PARTNERSHIP	EDR Digital Archive
2005	PHOENIX GLOBAL SOLUTIONS INC	EDR Digital Archive
	LEE TERRI ASSOCIATES LLC	EDR Digital Archive
	SOULE ASSOCIATE GRAPHICS	EDR Digital Archive
	MAYERCHECK DESIGN	EDR Digital Archive
	W W E S INDUSTRIES CORP	EDR Digital Archive
	PRINTA COLOR SASPSV	EDR Digital Archive
	JVHS INC	EDR Digital Archive
	ACCEPTANCE CAPITAL MORTGAGE	EDR Digital Archive
	W W E S INDUSTRIES CORP	EDR Digital Archive
	PRINTA COLOR SASPSV	EDR Digital Archive
	MAYERCHECK DESIGN	EDR Digital Archive
	PHOENIX GLOBAL SOLUTIONS INC	EDR Digital Archive
	LEE TERRI ASSOCIATES LLC	EDR Digital Archive
	SOULE ASSOCIATE GRAPHICS	EDR Digital Archive
	JVHS INC	EDR Digital Archive
	ACCEPTANCE CAPITAL MORTGAGE	EDR Digital Archive

WARNER AVE

1421 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MAYERCHECK DESIGN	Haines Company
	EASTERN PREMIERE	Haines Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CYBERTRONINC	Haines Company
	AUTOMETRIX	Haines Company
	IRVINETELCOM	Haines Company
1995	Techno Imageinc	Pacific Bell
	Affordable Housing Partnership Corp	Pacific Bell
	Bush Sandy	Pacific Bell
	Jamlcon Corp	Pacific Bell
	Partnership Housing Corp Of Orange County	Pacific Bell
	Partnership Housing Corp Of Orange County	Pacific Bell
1991	Liken D @Huntington Beach@	Pacific Bell
	Like You	Pacific Bell
	ATD Full Service Couriers	Pacific Bell
	Prudential Lab	Pacific Bell
1986	Readser Corporation	Pacific Bell
	Irvine Bible Chapel	Pacific Bell
	Agency The	Pacific Bell

Warner Ave

1431 Warner Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	HYPNOSIS CENTER INC	EDR Digital Archive
	5-PATH INTERNATIONAL ASSN	EDR Digital Archive
	DR WILLIAM KESSLER	EDR Digital Archive
	5-PATH INTERNATIONAL ASSN	EDR Digital Archive
	HYPNOSIS CENTER INC	EDR Digital Archive
	DR WILLIAM KESSLER	EDR Digital Archive
2010	CHILDS PLAY	EDR Digital Archive
	CHILDS PLAY	EDR Digital Archive
	CHRIS KELLEY INC	EDR Digital Archive
	5-PATH INTERNATIONAL ASSN	EDR Digital Archive
	PRIMARY CAPITAL	EDR Digital Archive
	HYPNOSIS CENTER INC	EDR Digital Archive
	CHRIS KELLEY INC	EDR Digital Archive
	CHILDS PLAY	EDR Digital Archive
	CHILDS PLAY	EDR Digital Archive
	5-PATH INTERNATIONAL ASSN	EDR Digital Archive
	PRIMARY CAPITAL	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	HYPNOSIS CENTER INC	EDR Digital Archive
2005	PRIMARY CAPITAL	EDR Digital Archive
	RAISE FOUNDATION	EDR Digital Archive
	USA FINANCIAL GROUP	EDR Digital Archive
	1ST OPTION MORTGAGE SERVICES I	EDR Digital Archive
	AMERICAN DREAM HOME MORTGAGE &	EDR Digital Archive
	AGHAROKH & ASSOC	EDR Digital Archive
	ANNUAL GUIDE FOR ARTS	EDR Digital Archive
	PRIMARY CAPITAL	EDR Digital Archive
	RAISE FOUNDATION	EDR Digital Archive
	AMERICAN DREAM HOME MORTGAGE &	EDR Digital Archive
	USA FINANCIAL GROUP	EDR Digital Archive
	1ST OPTION MORTGAGE SERVICES I	EDR Digital Archive
	IRVINE TEL INTERNATIONAL INC	EDR Digital Archive
	DNA MICRO INC	EDR Digital Archive
	AGHAROKH & ASSOC	EDR Digital Archive
	ANNUAL GUIDE FOR ARTS	EDR Digital Archive
	DNA MICRO INC	EDR Digital Archive
	IRVINE TEL INTERNATIONAL INC	EDR Digital Archive

WARNER AVE

1431 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	DAYSTAR	Haines Company
	ASSOCIATES INC MITSUI HOME AMERICA	Haines Company
	INC FREVENTCHILD	Haines Company
	ABUSE ORANGE CO	Haines Company
1995	S & E Services	Pacific Bell
	E Technologies Inc	Pacific Bell
	Security First Financial Network Inc	Pacific Bell
1991	D & V Installations	Pacific Bell
	V & D Interprizes Medical Billing	Pacific Bell
1986	Regional Sales Office	Pacific Bell
	Interconics A Unit Of BMC Industries Inc	Pacific Bell
	Rubell Helm Inc	Pacific Bell
	Rubell Helm Insurance Services Inc	Pacific Bell

FINDINGS

1495 WARNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Martin Builders Inc	Pacific Bell

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

2320 Redhill

Address Not Identified in Research Source

2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

1371 WARNER AVE

Address Not Identified in Research Source

2014, 2010, 2005, 2001, 1997, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

1381 WARNER AVE

2014, 2010, 2005, 2001, 1997, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

1381 Warner Ave

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

1381 Warner Ave

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

1385 WARNER

2014, 2010, 2005, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

1385 WARNER AVE

2014, 2010, 2005, 2001, 1997, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

1385 Warner Ave

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

1385 Warner Ave

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

1391 Warner Ave

2014, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

1391 Warner Ave

2014, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

1391 WARNER AVE

2014, 2010, 2005, 2001, 1997, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

