APPENDIX C

PHASE I ENVIRONMENTAL SITE ASSESSMENT

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LOTS 1, 3 AND 5 AT KOLL CENTER NEWPORT (4440 VON KARMAN AVENUE AND 4910 AND 5000 BIRCH STREET) NEWPORT BEACH, CA 92660







PROJECT NUMBER EMS542
THE PICERNE GROUP
5000 BIRCH STREET, SUITE 600
NEWPORT BEACH, CA 92660

JUNE 2020

EMS
ENVIRONMENTAL MANAGEMENT STRATEGIES, INC.

TECHNICAL REPORT

PHASE I ENVIRONMENTAL SITE ASSESSMENT

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JUNE 2020

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CERTIFICATION

All engineering and geologic information, conclusions, and recommendations in this document were prepared under the supervision of and reviewed by an Environmental Management Strategies, Inc. Professional Geologist in the State of California. Further and to the best of our professional knowledge and belief, the work was performed by professionals who meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312 and these professionals have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. Our investigation conforms to the U.S. Environmental Protection Agency's (EPA) Standards and Practices for All Appropriate Inquiries (AAI, 40 CFR Part 312) as well as ASTM International's (ASTM) Standard E 1527-13 titled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process".



June 16, 2020

Anthony F. Severini
President
Professional Geologist
No. 3852

Date

1 Executive Summary

Environmental Management Strategies, Inc. (EMS) is pleased to present this Phase I Environmental Site Assessment (Phase I ESA) for Lots 1, 3 and 5 (parking lots associated with buildings at 4440 Von Karman Avenue and 4910 and 5000 Birch Street) at Koll Center Newport in the City of Newport Beach, Orange County, California 92660 (the "Site", see Figures 1 and 2). The Picerne Group (Picerne) retained EMS on May 26, 2020 to perform the Phase I ESA in support of Picerne's development of the three lots on the Koll Center Newport property. Our investigation conforms to the U.S. Environmental Protection Agency's (EPA) Standards and Practices for All Appropriate Inquiries (AAI, 40 CFR Part 312) as well as ASTM International's (ASTM) Standard E 1527-13 titled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process".

1.1 Background

The site currently consists of Lots 1, 3 and 5 on the Koll Center Newport property (see Figure 2). Lot 1 appears to be a parking lot associated with the 4910 Birch Street building, Lot 3 a parking lot associated with the 4440 Von Karman Avenue building and Lot 5 a parking lot associated with the 5000 Birch Street building. Each lot appears to be asphalt covered with associated landscaping. According to information provided to EMS by Picerne, Lots 1 and 3 will be developed into a residential building with associated subterranean parking and Lot 5 will be developed into a parking structure.

1.2 Scope of Work

EMS performed the following scope of work in support of developing this Phase I ESA:

- EMS reviewed previous reports documenting environmental conditions at the site.

- EMS performed a detailed investigation into the historical use of the site. Our historical investigation entailed the review of reasonably ascertainable documents from standard sources from the late 1800's to the present.

- EMS conducted a review of reasonably ascertainable regulatory agency information regarding hazardous material use, disposal, and contaminated property information for the site and surrounding area. This review included a search for environmental liens as well as activity and use limitations (AULs) on the site.

- EMS contacted the following public agencies and utilities for additional information for the site: the EPA; the State of California Department of Toxic Substances Control (DTSC); the California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR); the State of California Water Resources Control Board (SWRCB); the Santa Ana Regional Water Quality Control Board (RWQCB); the South Coast Air Quality Management District (AQMD); and, Orange County Health Care Agency.

- EMS was supplied with an ASTM E 1527-13 User Questionnaire completed by Mr. Derek Picerne, Executive Vice President of Development, The Picerne Group.

- EMS performed an inspection of the Site on May 28, 2020.

1.3 Results of Investigation

EMS performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 of Lots 1, 3 and 5 at Koll Center Newport in the City of Newport Beach, Orange County, California 92660. Any exception to, or deletions from, this practice are described in Section 3 of this report. EMS' Phase I ESA findings regarding *Recognized Environmental Conditions, Historical Recognized Environmental Conditions, Controlled Recognized Environmental Conditions* or *De Minimis Conditions* in connection with the site are summarized below:

Recognized Environmental Conditions (REC):

- EMS did not identify any RECs associated with the Site.

Historical Recognized Environmental Conditions (HREC):

- A Leaking Underground Storage Tank (LUST) case for the 4910 Birch Street parking lot located adjacent and to the northwest of Lot 1 was identified by Environmental Data Resources, Inc. (EDR). This LUST case appeared to be related to an underground storage tank (UST) spill discovered during the closure of a 12,000-gallon gasoline storage tank on the property in October 1993. It appears remediation was performed on the property consisting of excavation and disposal of contaminated soil and the installation of a dual phase vapor extraction (DPVE) system to treat soil and groundwater. The status of the property is currently listed as "Completed – Case Closed" as of March 4, 2002. The case summary available on the GeoTracker website stated that the DPVE system was installed in January 1999 and operated until target cleanup levels were met in February 2001. A health risk assessment was performed and an excess cancer risk above $1x10^{-6}$ was not posed to the occupants of the property's buildings. No further action was recommended. Based on the current cleanup status of the property and its proximity to the Site, EMS believes this former LUST case is an *HREC* in connection with the Site.

Controlled Recognized Environmental Conditions (CREC):

- A review of the Phase I Environmental Site Assessment (ESA) prepared for the Site by EEI Engineering Solutions (EEI) on November 15, 2016 (Revised June 9, 2017) listed a release of chlorinated solvents at the Conexant Systems, Inc. (Former Rockwell Semi-Conductor Division also listed as Rockwell International Corp) facility located adjacent and to the south of the Site. In order to review some of the history and determine the current status of the Conexant facility, EMS reviewed the *2019 Annual Site-Wide and Third Quarter 2019 WDR Groundwater Monitoring and Sampling Report, Former Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, California* prepared by JHA Environmental, Inc. in November 2019. According to this report, 10 former waste solvent and fuel USTs were located on the Conexant property. A pilot soil vapor extraction (SVE) system was installed in October 1984 and operated for approximately two years. Additional soil and soil vapor investigations were performed in 2005 and 2006 and based on the results from these investigations, a high vacuum SVE system was installed in July 2008 which ran until January 2016. The report also states that shallow and intermediate groundwater had been impacted at the property by VOCs and groundwater remediation efforts had been ongoing since 1986. Based on the lack of significant contaminants present for 18 to 20 years the shallow zone wells, intermediate zone wells and lower zone wells were

permanently destroyed in May 2008. The property is also undergoing a pilot test study for enhanced in-situ bioremediation at the property for remediation of contaminants of concern in groundwater. Based on a review of current conditions at the Conexant facility, along with ongoing remediation and a subsurface investigation performed by RM Environmental, Inc. (RM) on February 3, 2015 that did not detect VOCs in groundwater; EMS believes the Conexant facility is a *Controlled Recognized Environmental Condition* in connection with the Site.

Although indoor air quality is specifically listed as a non-scope consideration under Section 13.1.5.7 of ASTM E 1527-13, *Environmental Professionals* cannot eliminate migration of vapors from the ASTM E 1527-13 Phase I ESA scope of work as this would result in the Phase I ESA being non-AAI compliant. ASTM has released ASTM E 2600-10 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. The Guidance is directed at identifying the likelihood for migrating vapors to encroach onto a target property creating a vapor encroachment condition (VEC). The potential findings of the ASTM E 2600-10 screening are the following:

- A VEC exists or is likely to exist; or,
- A VEC can be ruled out because it does not exist or is not likely to exist.

ASTM E 2600-10 is a two Tier process. Tier 1 focuses on known or suspected contaminated properties identified during the Phase I ESA within an Area of Concern (AOC) about the target property. For volatile and semi-volatile organic compounds (VOCs and SVOCs), such as dry cleaning chemicals and industrial solvents, the AOC is defined as 1/3 mile. For petroleum hydrocarbon chemicals such as gasoline the AOC is defined as 1/10 mile. The AOC can be shortened in the down- and cross-gradient directions if the groundwater flow direction is known. One former UST adjacent and to the northwest of the Site and three dry cleaning facilities listed as Emerald Cleaners and Green Hangar Cleaners at 4341 MacArthur Boulevard, The Duke Hotel at 4500 MacArthur Boulevard and MacArthur Square Cleaners, Bart Patel at 1701 Corinthian Way adjacent and to the northwest of the Site were listed by EDR. The dry-cleaning facilities at 4341 MacArthur Boulevard and 1701 Corinthian Way use tetrachloroethylene dry-cleaning equipment according to information available from the EDR database.

Tier 2 focuses on the contaminated plumes from the contaminated properties identified within the AOC and their proximity (critical distance) to the target property. The critical distance is 100 feet for VOCs and 30 feet for petroleum hydrocarbons. Based on a subsurface investigation performed by RM on February 3, 2015, VOCs were not detected above 2015 San Francisco Regional Water Quality Control Board Environmental Screening Levels (ESL) or California Human Health Screening Levels; however a comparison of the data to the 2019 ESLs did determine that benzene exceeded the ESL with a maximum concentration of 22 $\mu g/m^3$. Based on the results of the 2015 subsurface investigation a VEC exists. According to information provided to EMS the residential structure on the Site will be situated above a parking structure. First-floor aboveground and subsurface parking generally have higher air exchange rates than occupied floors and in this case the parking structure will act as a barrier to vapor migration into overlying residential floors.

2 Introduction

Environmental Management Strategies, Inc. (EMS) is pleased to present this Phase I Environmental Site Assessment (Phase I ESA) for Lots 1, 3 and 5 (parking lots associated with buildings at 4440 Von Karman Avenue and 4910 and 5000 Birch Street) at Koll Center Newport, in the City of Newport Beach, Orange County, California 92660 (the "Site", see Figures 1 and 2). The Picerne Group (Picerne) retained EMS on May 26, 2020 to perform the Phase I ESA in support of Picerne's development of the three lots on the Koll Center Newport property.

2.1 Purpose

The purpose of this Phase I ESA is to identify *Recognized Environmental Conditions* as defined by the U.S. Environmental Protection Agency's (EPA) Standards and Practices for All Appropriate Inquiries (AAI, 40 CFR Part 312) as well as the American Society for Testing and Materials (ASTM) Standard E 1527-13 titled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process". The ASTM standard defines *Recognized Environmental Condition* as follows: "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De Minimis* conditions are not *recognized environmental conditions*."

The EPA's AAI and ASTM E 1527-13 practices are intended to permit the *User*, Picerne, to satisfy one of the requirements to qualify for the *Innocent Landowner, Contiguous Property Owner, or Bona Fide Prospective Purchaser* limitations on Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability (also known as *"Landowner Liability Protections"*). Additional requirements include, but are not limited to, complying with activity and use limitations (AULs), taking reasonable steps to prevent releases, complying with legally required release reporting obligations, etc.

In addition to *Recognized Environmental Conditions*, this Phase I ESA also reports on *Historical Recognized Environmental Conditions*, *Controlled Recognized Environmental Conditions, De Minimis* conditions and other potential environmental concerns and issues (also known as *Business Environmental Risks*) such as Vapor Encroachment Conditions (VECs), asbestos-containing materials (ACM), polychlorinated biphenyl (PCB) containing electrical equipment, lead-based paint, radon, etc.

2.1.1 Special Terms and Conditions

Our investigation conforms to the EPA's AAI rule and ASTM E 1527-13. This report was prepared by EMS solely for the use and benefit of Picerne, together with its affiliates, participants, successors and assigns. No other parties shall have any right to rely on this document. The use of this report is expressly controlled by the terms and conditions in the contract between Picerne and EMS.

2.1.2 Methodology

Mr. Anthony F. Severini and Mr. Ashley Flores of EMS performed the Phase I ESA. Mr. Severini is a State of California registered Professional Geologists with over thirty years of relevant, full-time experience performing Phase I ESAs within several states throughout the United States. Mr.

Flores holds a Bachelor of Science degree in Environmental Science and has over five years of relevant, full-time experience performing Phase I ESAs.

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

Mr. Severini's and Mr. Flores' detailed qualifications are presented in Appendix A. EMS performed the following scope of work in support of developing this Phase I ESA:

- EMS reviewed previous reports documenting environmental conditions at the site.
- EMS performed a detailed investigation into the historical use of the site. Our historical investigation entailed the review of reasonably ascertainable documents from standard sources from the late 1800's to the present.
- EMS conducted a review of reasonably ascertainable regulatory agency information regarding hazardous material use, disposal, and contaminated property information for the site and surrounding area. This review included a search for environmental liens as well as activity and use limitations (AULs) on the site.
- EMS contacted the following public agencies and utilities for additional information for the site: the EPA; the State of California Department of Toxic Substances Control (DTSC); the California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR); the State of California Water Resources Control Board (SWRCB); the Santa Ana Regional Water Quality Control Board (RWQCB); the South Coast Air Quality Management District (AQMD); and, Orange County Health Care Agency.
- EMS was supplied with an ASTM E 1527-13 User Questionnaire completed by Mr. Derek Picerne, Executive Vice President of Development, The Picerne Group.
- EMS performed an inspection of the Site on May 28, 2020.

2.2 Site Description

The Site currently consists of parking lots on two parcels of land totaling approximately 5.31 acres. Each lot appears to be asphalt covered with painted parking spaces and associated landscaping. The lots appear to be associated with buildings at the addresses of 4440 Von Karman Avenue and 4910 and 5000 Birch Street.

2.2.1 Site Location

The site is located at Koll Center Newport (parking lots appear to be associated the addresses of 4440 Von Karman Avenue and 4910 and 5000 Birch Street) in the City of Newport Beach, Orange County, California 92660. The Site is comprised of land identified by parcel numbers 445-131-29 and 445-131-30.

2.2.2 Site and Vicinity Characteristics

The Site is located in a primarily commercial/industrial area within the City of Newport Beach. Lots 1, 3 and 5 are part of the commercial development known as Koll Center Newport and appear to be associated with the addresses 4440 Von Karman Avenue and 4910 and 5000 Birch Street. The Site is bordered to the northwest by the Renaissance Newport Beach, to the west by offices and a private club, to the south by Tower Semiconductor, Ltd. a semiconductor manufacturing plant and to the east by the Harbor Justice Center, commercial offices and the University of California Irvine North Campus.

2.2.3 Description of Structures, Roads and other Improvements

The site currently consists of asphalt covered parking lots with associated landscaping. The lots are part of the Koll Center Newport commercial property. The lots appear to be associated with the buildings at 4440 Von Karman Avenue and 4910 and 5000 Birch Street.

2.2.4 Information Reported by Property Engineers

Site information was provided by Mr. Derek Picerne, Executive Vice President of Development, The Picerne Group. Pertinent information provided by Mr. Picerne is included in Section 2.3.6.

2.2.5 Current Uses of the Property

Lots 1, 3 and 5 of the Koll Center Newport property are currently asphalt covered parking lots with associated landscaping.

2.2.6 Past Uses of the Property

According to information reviewed by EMS the Site was previously vacant undeveloped land possibly utilized for agricultural purposes prior to the construction of the Koll Center Newport commercial property in the late 1970s.

2.2.7 Past and Current Uses of Adjoining Properties

Based on information reviewed by EMS, the Site vicinity was previously vacant undeveloped land possibly utilized for agricultural purposes prior to construction of industrial/commercial properties beginning in the 1960s.

2.3 Records Review

EMS conducted a review of reasonably ascertainable and practically reviewable public information for the Site and surrounding area. The information was supplied to EMS both by an outside contractor specializing in compiling such information and by direct contacts made by EMS.

2.3.1 Standard Environmental Records Sources: Federal, State, Tribal and Local

EMS retained Environmental Data Resources, Inc. (EDR) to perform a search of reasonably ascertainable information from databases for facilities with environmental records within the Site vicinity. The information sources utilized by EDR included publicly available databases compiled by federal, state, tribal and local governmental agencies and proprietary databases available through EDR. The EDR report was designed to assist parties seeking to meet the search requirements of the EPA's AAI rule and ASTM E 1527-13. The databases searched provide information on facilities with records including, but not limited to, the following potential

environmental concerns: Resource Conservation and Recovery Act Small and Large Quantity Hazardous Waste Generators (RCRA-SQGs and RCRA-LQGs); the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS); registered above-ground storage tanks (ASTs); registered underground storage tanks (USTs); historical USTs (HIST USTs); leaking USTs (LUSTs); non-tank spills of hazardous materials; active and inactive landfills; and facilities engaged in the investigation and cleanup of known releases of hazardous materials. In general, the EPA's AAI rule and ASTM E 1527-13 require a larger search radius for databases with information of greater environmental concern (such as LUSTs, landfills and hazardous substance release facilities) than databases with information of lesser environmental concern (such as registered ASTs, USTs, RCRA-SQGs and RCRA-LQGs).

The EPA's AAI rule and ASTM E 1527-13 require the Phase I ESA to include searches for environmental cleanup liens as well as AULs including institutional and engineering controls, recorded under federal, state, tribal, or local laws. The AAI rule and ASTM E 1527-13 allows that either the prospective property owner or the environmental professional may conduct these searches.

EDR's regulatory agency database search included searches for liens and AULs from the following four EPA databases: Federal Superfund Liens (NPL LIENS); CERCLA Lien Information (LIEN2); Engineering Controls Sites (US ENG CONTROLS); and Sites with Institutional Controls (US INST CONTROLS). EDR's regulatory agency database search also included a search of the DTSC's Deed Restriction Listing (DEED) and Lien Holder (LIENS) databases. Specific information regarding the databases searched, corresponding search radii, and search results are presented in EDR's report entitled, *EDR Radius Map™ with GeoCheck®*, included in Appendix B.

EMS also retained EDR to perform an environmental lien search for the Site. A search of all the parcel numbers for the Site was outside the scope of this report; therefore, a search was conducted for parcel number 445-131-29 which reflects a majority the land associated with the Site. The search included a search for environmental liens and other AULs. The results of this lien search are presented in EDR's report entitled, *EDR Environmental LienSearch™ Report*, included in Appendix C. The *EDR Property Tax Map Report* is included in Appendix D.

The site addresses of 4910 Birch Street was not identified on the NPL LIENS, LIEN2, US ENG CONTROLS, US INST CONTROLS, DEEDS or LIENS databases. The EDR report indicates that title for parcel number 445-131-29 is vested in SLF-KC Towers LLC and was received from KCN A Management on January 17, 2018. No environmental liens or other activity and use limitations (AULS) were found for either parcel number.

The Site addresses of 4910 and 5000 Birch Street were listed under the names Koll Center Newport and Koll Co KCN 4 THE and KOLL CO. The site address of 4910 Birch Street was identified on the following databases: Resource Conservation and Recovery Act Small Quantity Generator (RCRA-SQG), Leaking Underground Storage Tank (LUST), Facility Index System (FINDS), The Facility Inventory Database (CA FID UST), Hazardous Waste & Substance Site List (CA HIST CORTESE), California Environmental Protection Agency (CalEPA) Regulated Site
Portal (CERS) Enforcement and Compliance History Online (ECHO), Facility and Manifest Data HAZNET), California Hazardous Waste Tracking System (HWTS), The Underground Storage

Tank database (CA UST), Statewide Environmental Evaluation and Planning System (CA SWEEPS UST). The Site address of 5000 Birch Street was identified on the CA UST database.

The address of 4910 Birch Street was listed on the RCRA-SQG database as a small quantity generator of hazardous waste in October 1996. The waste generated is not listed on the database results. The address was also listed on the FINDS database as a RCRA-SQG. No additional information regarding the RCRA-SQG listing is provided in the FINDS database results. The ECHO database listed the address as RCRA facility and listed no violations. The HAZNET database listed the transport of "other organic solids" and hydrocarbon solvents (benzene, hexane, Stoddard, etc.) in 1996 and 1997.

A LUST and Orange Co. LUST case were also listed for the 4910 Birch Street address. These cases appeared to be related a underground storage tank spill discovered during the closure of a 12,000 gallon gasoline storage tank on the property in October 1993. It appears remediation was performed on the property consisting of excavation and disposal of contaminated soil and the installation of dual phase extraction system to treat soil and groundwater. The status of the property is currently listed as "Completed – Case Closed" as of March 4, 2002. The CA FID UST, CA HIST CORTESE, CA UST and CA SWEEPS UST listings for the Site appear to be related to the removed 12,000-gallon gasoline UST.

No additional information is provided for the listing of 5000 Birch Street listing on the CA UST database.

Numerous additional environmental records were identified for facilities in the surrounding area. Due to the distance and direction from the site, and the nature of the information present in the EDR report, most of these records do not appear to represent a potential environmental concern to the site. A detailed review and summary of all the records identified by EDR for these facilities is not within the scope of this investigation. Below is a summary of environmental records pertaining to releases to the environment, not including air emissions.

Two facilities were listed on the Superfund Enterprise System Archive (SEMS-ARCHIVE) database. The Accupath Diagnostic (Accupath) property was listed at 2601 Campus Drive to the northeast of the Site across Campus Drive and Mallinckrodt Medical (Mallinckrodt) was listed at 18691 Jamboree Road to the east-northeast of the Site. This list indicates that to the Environmental Protection Agency's (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). No additional information for these facilities was provided in the database.

CORRACTS is a database with a list of handlers with RCRA Corrective Action Activity. Accupath Mallinckrodt were listed on the CORRACTS database. No additional information for Accupath is provided in the CORRACTS database. Based on the location and distance of Malilnckrodt to the Site, it does not appear it poses an environmental concern.

The RCRA-TSDF database includes selective information on facilities that generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resources Conservations and Recovery Act (RCRA). Accupath facility and Mallinckrodt 2601 were the only properties listed on the RCRA-TSDF database. This database listed a number of non-halogenated and halogenated

solvents as laboratory waste chemicals for Acccupath. Additional information regarding the Accupath facility is included in section 2.3.5. Mallinckrodt was described being engaged in the treatment, storage or disposal of hazardous waste. Based on the location and distance of Malilnckrodt to the Site, it does not appear it poses an environmental concern.

EDR identified two facilities on the RCRA Large Quantity Generators (RCRA-LQG) list and five on the RCRA Small Quantity Generators (RCRA-SQG) list within 0.25 miles from the Site. The RCRA-LQG and RCRA-SQG include information on facilities that generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. No additional information is provided in these databases regarding these facilities. Additional information regarding Newport Fab (Jazz SE, Accupath, Emerald Cleaners and MacArthur Square Cleaners is included in section and 2.3.5.

Mallinckrodt was identified on the US INST CONTROLS database. This database is 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. Based on the location and distance of Malilnckrodt to the Site, it does not appear it poses an environmental concern

The CA RESPONSE database identifies confirmed release facilities where DTSC is involved in remediation, either in a lead or oversight capacity. The Trammel Crow facility at 2602 Michelson was the only facility listed on this database. The potential chemical of concern was listed as acetone methyl ethyl ketone and removal action was completed on February 13, 1984. Based on the status and location of this facility, it does not appear to pose an environmental concern to the Site.

The CA ENVIROSTOR database listed 9 facilities within approximately 1 mile of the Site. The Department of Toxic Substance Control (DTSC) Site Mitigation and Brownfields Reuse Program (SMBRP) EnviroStor database identifies sites that have known contamination or facilities for which there may be reasons to investigate further. Of the 9 facilities listed only three were potentially upgradient of the Site and they were Accupath, Orange County Airport and Sigma Circuits, Inc. The listing for Accupath listed the status for the facility as “No Action Required” as of 5/11/19. The Orange County Airport listing had a status of “Inactive – Needs Evaluation” as of 7/1/05. The Sigma Circuits, Inc. facility was listed twice with a status of “Refer – Other Agency” and “No Action Required”. Based on the distance and location of the Sigma Circuits facility it does not appear to pose an environmental concern to the Site. Additional information regarding Accupath and Orange County Airport is included in section 2.3.5.

EDR identified 26 CA Leaking Underground Storage Tank (LUST) facilities within 0.5 miles from the Site. The CA LUST database is the Regional Water Quality Control Boards (RWQCB) data management system for facilities that impact, or have the potential to impact, water quality, with emphasis on groundwater. Of the 26 listings on the CA LUST database, 16 appear to be upgradient of the Site. Thirteen of the facilities were reported in the EDR report of having a status of “Completed – Case Close” or listed as “closed”. The remaining facilities of AMR Combs Fuel Farm and Signature Flight Support at 19301 Campus Drive and Martin Aviation (Fuel Farm) at 19331 South Airport Way had status’ of “Open – Remediation”. Additional information for the facilities with an “Open” status is included in section 2.3.5.

The CA Cleanup Programs (CPS) – Spill, Leaks, Investigations and Cleanup (SLIC) is a database that lists facilities that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. Four CA CPS-SLIC facilities were listed within approximately 0.5 miles of the Site. The four listings appear to be for two locations, one for the facility at 19100 – 19200 Von Karman Avenue with site names of The Atrium and Hyogo Atrium, Inc. and the other for the facility at 18691 Jamboree Road with facility names of Xerox Corporation (Xerox) and The Boardwalk. The first listing for Hyogo Atrium, Inc. shows the facility status as "Post-Investigation/Remediation Monitoring" and is likely referring to work performed at the property prior to a "No Further Action" determination. The second listing for The Atrium shows a facility status of "Completed – Case Closed" and a "No Further Action" determination for groundwater was granted to the facility on March 5, 2013. The remaining two listings for Xerox and The Boardwalk have facility status of "Post-Investigation/Remediation Monitoring" and "Open – Remediation", respectively. Based on the location and distance to the Site for all these listings they do not appear to pose an environmental concern.

The EDR report also had several records pertaining to USTs near the Site. The CA Underground Storage Tank (UST) database lists nine facilities with registered USTs within 0.25 miles of the Site. There was no additional information regarding the USTs on this database with the exception of Koll Center Newport #4 at 4910 Birch Street, which was listed a 12,000 capacity fuel tank. Additional information regarding 4910 Birch Street is included in Section 2.3.4 and 2.3.5. The CA Statewide Environmental Evaluation and Planning System (SWEEPS) which is an UST listing no longer updated or maintained, indicated four fuel USTs potentially upgradient of the Site. Six CA HIST USTs were listed within 0.25 miles of the Site. Of the six, four appear to be potentially upgradient of the Site. Additional information regarding these facilities is discussed in the LUST portion of this section. The CA Facility Inventory Database (FID) UST contains active and inactive underground storage tank locations and lists four facilities within 0.25 miles of the Site. Of the four, three appear to be potentially upgradient and are further discussed in section 2.3.5.

The CA DRYCLEANERS database is a list of drycleaner related facilities that have EPA ID numbers. This database identified five CA DRYCLEANERS facilities within approximately 0.25 miles of the Site. Three of the listings appear to be for the address of 4341 MacArthur Boulevard under the names of Emerald Cleaners and Green Hanger Cleaner. According to the documents provided in the EDR report the dry-cleaning equipment at this location used a petroleum solvent. The two listings for Renaissance Newport and Mac Arthur Square Cleaners located at 4500 MacArthur Boulevard and 1701 Corinthian Way, respectively both used dry cleaning equipment with a tetrachloroethylene (PCE) solvent. PCE was not detected in soil gas during a subsurface investigation performed by RM Environmental, Inc. (RM) on February 3, 2015. Based on the results of the subsurface investigation it does not appear the two dry cleaning facilities pose an environmental concern to the Site. Additional information regarding the RM subsurface investigation is included in section 2.3.4.

The EDR Hist Cleaner is a collection of business directories that EDR reviews for potential dry cleaner facilities. The EDR Hist Cleaner database found two facilities within 0.125 miles of the Site. One listing was for Pacific Coast Valet at 4500 MacArthur and the other for Tajico Arlington Inc. at 4400 Mac Arthur Boulevard. The address of 4500 MacArthur Boulevard is discussed in the previous paragraph. No additional information regarding dry cleaning operations at Tajico Arlington, Inc. are provided in the EDR report.

The EDR report also identifies "orphan" facilities that, due to poor or inadequate address information, could not be accurately mapped. Two records were identified on this database as Sunny Fresh Cleaners and Sakioka Farms. Based on the information provided these records do not appear to pose an environmental concern to the Site.

2.3.2 Physical Setting Sources

The EDR Radius Map™ Report provides a physical setting source addendum (Geocheck®). The Site is located at an elevation of approximately 52-feet above mean sea level (msl). Local topography decreases in elevation to the northeast. The site is not located in a Federal Emergency Management Agency (FEMA) flood zone or national wetland. The EDR report searched for site-specific hydrogeologic data within a 1.25-mile radius from the site. One site with hydrogeologic data was listed to the northwest of the Site as Western Digital Corporation with a measured depth to water of 35.5 feet and a surficial aquifer flow direction to the south. EDR has also developed a groundwater information system, known as Aquiflow, which maintains groundwater depth and flow direction data from reports submitted by environmental professionals to regulatory agencies. Eighteen reports were listed within one-mile of the Site with reports within ¼ - to ½-mile from the Site reporting general groundwater flow direction to the west-southwest, west-northwest and west. The EDR report also searched for public water systems and water wells known to the United States Geological Survey (USGS) and water wells known to the State of California. One Federal USGS water well was listed within one mile of the site. No public water supply system was identified within one mile of the site. The State Database Well Information also listed one well within one mile of the site. The EDR report did not identify any earthquake fault lines within one mile of the site.

EMS searched the Geotracker Website for a property closest to the Site with groundwater information. EMS reviewed the *2019 Annual Site-Wide and Third Quarter 2019 WDR Groundwater Monitoring and Sampling Report, Former Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, California* prepared by JHA Environmental. This report listed groundwater elevation in the shallow zone between 20.52 and 29.86 feet above mean sea level (msl) with a groundwater flow direction to the southeast. Intermediate zone groundwater elevations were listed from 26.99 to 36.9 feet below msl.

The results of EMS' review of Physical Setting Sources did not reveal any evidence of *Recognized Environmental Conditions* in connection with the site.

2.3.3 Historical Use Information

EMS conducted a review of reasonably ascertainable historical information from standard sources to determine the past land use of the Site and surrounding area including the following: Sanborn® fire insurance maps; historical topographic maps; historical aerial photographs; historical city directories; and, historical building permits. The following paragraphs summarize our findings.

2.3.3.1 Sanborn® Fire Insurance Map Review

EMS retained EDR to perform a search for historical Sanborn® fire insurance maps for the site vicinity. Sanborn® maps were not available for the Site vicinity. EDR's *Certified Sanborn® Map Report* is included in Appendix E.

2.3.3.2 Historical USGS Topographic Map Review

EMS retained EDR to provide historical topographic maps prepared by the USGS for the site vicinity. Historical topographic maps were available for the years 1896, 1901, 1902, 1932, 1935, 1942, 1948/1949, 1950/1951, 1965, 1972, 1981 and 2012. The *EDR Historical Topographic Map Report* is included in Appendix F.

No specific land use is identified on the site or immediately adjacent properties in the 1896 through 1942 topographic maps; however, increased development around the Site is visible in these topographic maps. The 1948/1949 and 1950/1951 topographic maps are the first time the Orange County Airport is visible to the west of the Site along with the La Mesa Gun Club and dikes to the north. Buildings are first visible near the Site in the 1965 topographic map and the dikes previously listed to the north appear to have been converted to duck ponds. Buildings on the Koll Center Newport property adjacent to the Site first appear in the 1981 topographic map. The 2012 topographic does not show commercial or residential structures but does show an increase in road construction.

2.3.3.3 Aerial Photograph Review

EMS reviewed historical aerial photographs obtained from EDR for the years, 1938, 1952, 1963, 1972, 1977, 1985, 1989, 1990, 1994, 2005, 2009, 2012 and 2016. The *EDR Aerial Photo Decade Package* report is included in Appendix G.

The 1938 to 1952 aerial photographs indicate the site and all adjacent properties appear to be comprised of agricultural and vacant undeveloped land. The 1963 photograph appears to show a commercial/industrial building along with associated parking to the south of the Site. An additional building attached to the building to the south along with associated parking is first visible in the 1972 aerial photograph. The buildings with addresses of 4440 Von Karman and 4910 Birch Street along with two additional buildings on the Koll Center Newport property first appear in the 1977 aerial photograph. Portions of the current parking lots for 4440 Von Karman and 4910 Birch Street are also visible in 1977. Development in the area has also significantly increase by the time we reach 1977. By the 1985 aerial photograph the 5000 Birch Street building and parking garage are visible and the asphalt parking areas for Lots 1, 3 and 5 are in their current configuration. There are no significant changes to the Site or surrounding properties in the 1989 to 2016 aerial photographs with the exception of the demolition of the buildings to the south of the Site.

2.3.3.4 City Directory Abstract

EMS retained EDR to provide a historical city directory search for the site and nearby properties. The city directories identify individuals and businesses by street address. EDR obtained information from sources including city and telephone directories dating from 1920 to 2014. The *EDR City Directory Abstract* is included in Appendix H.

The property addresses of 4440 Von Karman Avenue and 4910 and 5000 Birch Street were listed on the Haines Company and Pacific Bell directories. The properties were operated under various entity names. The surrounding properties appeared to have been primarily occupied by commercial tenants.

2.3.3.5 Building Permit Report

EMS retained EDR to provide a building permit report for the site and adjacent properties. No permits were found for the address 4440 Von Karman Avenue or 5000 Birch Street. Permits for 4910 Birch Street included electrical, building, plumbing and mechanical for what appeared to be primarily building improvements. Permits for adjacent properties also included building, mechanical, electrical and plumbing permits for tenant improvements. The *EDR Building Permit Report* is included in Appendix I.

2.3.4 Previous Environmental Reports

EMS was provided electronic files of previous environmental reports for the Site. Due to time and budget and constraints, EMS could not review all of the documents available and chose to review those reports and documents EMS believed would provide the most information in a reasonable time frame. The following summarizes EMS' review of the two most recent Phase I reports performed at the Site including one performed the previous year by EMS.

EMS reviewed a previous Phase I ESA performed by EEI Engineering Solutions (EEI) for the Site on November 15, 2016 (Revised June 9, 2017). According to the report a gasoline release was reported in 1997 at the Koll Center Newport #4 property located adjacent to the Site at 4910 Birch Street. The report stated that a 12,000-gallon UST was removed from the Site in 1993 which led to a subsequent subsurface investigation. As part of remediation at the Site approximately 911.98 tons of gasoline-contaminated soil was over excavated and removed in November 1993 and a dual-phase soil vapor extraction system was operated until target cleanup concentration levels for groundwater were met. Concentrations of naphthalene, 1,2,4-trimethylbenzene, PCE and trichloroethylene were detected in groundwater. The Orange County Health Care Agency closed the case for the Site in March 2002.

The Phase I ESA also included information on a subsurface investigation performed by RM Environmental on February 3, 2015. This investigation included the installation of six soil borings to approximately 17 to 30 feet below grade surface (bgs) on Lots 1 and 3. The report states that groundwater was encountered at a depth of approximately 22 feet bgs. Four soil and four groundwater samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g), VOCs and fuel oxygenates. All soil and groundwater results were below laboratory detection levels. Temporary vapor probes were set at 15 feet bgs in all borings installed. Soil gas samples were collected from each temporary vapor probe and analyzed for VOCs and fuel oxygenates. Soil gas samples were compared to San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) and Department of Toxic Substances Control (DTSC) California Human Health Screening Levels (CHHSLs) for a residential land use. None of the VOCs analyzed for were detected above ESL or CHHSLs screening levels.

The Conexant Systems, Inc. (Former Rockwell Semi-Conductor Division also listed as Rockwell International Corp) is listed adjacent and to the south of the Site in the Phase I ESA. A release of chlorinated solvents was discovered at the Conexant facility that resulted in soil and groundwater impacts. The facility has undergone site investigations and remediation. According to EEI, based on "the February 2016 groundwater data, regulatory agency oversight and active remediation, along with the proposed future use of the subject property as a parking garage, the Conexant facility does not pose a significant environmental concern and no further assessment appears to be warranted at this time".

The EEI Phase I did not find any Recognized Environmental Conditions, Controlled Environmental Conditions and listed the former LUST at 4910 Birch Street as an Historical Recognized Environmental Condition.

EMS also reviewed the Phase I performed by EMS in June 2019 titled *Phase I Environmental Site Assessment, Lots 1, 3 and 5 at Koll Center Newport (4400 Von Karman Avenue and 4910 and 5000 Birch Street) Newport Beach, Ca.* The report did not find any *Recognized Environmental Conditions* on the Site, but did note the LUST case at 4910 Birch Street as an *Historical Recognized Environmental Condition* and the remediation being performed on the adjacent former Conexant facility as a *Controlled Recognized Environmental Condition.* Additional information regarding these two facilities is included in previous sections.

EMS' review of the two most recent Phase I reports identified the former LUST case at 4910 Birch Street as an *Historical Recognized Environmental Condition* and the Conexant Systems, Inc facility located at 4311 Jamboree Road a *Controlled Recognized Environmental Condition* in connection with the Site. Additional information regarding the former LUST case at 4910 Birch Street and the Conexant Systems, Inc. facility located at 4311 Jamboree Road is included in Section 2.3.5.

2.3.5 Additional Record Sources

EMS searched the following regulatory agency websites for any additional information for Lots 1, 3 and 5: EPA's Envirofacts; DTSC's EnviroStor; SWRCB's GeoTracker; the AQMD's FINDS websites; and, the DOGGR website. None of the websites returned any records for the Site.

EMS reviewed available documents for three adjacent properties on various agency websites. EMS reviewed documents for the adjacent parking lot at 4910 Birch Street, Conexant Systems, Inc. (Former Rockwell Intl Semi-Conduct Div) facility located at 4311 Jamboree Road and Koll Co property located at 4400 MacArthur Boulevard.

The GeoTracker website included a listing for the parking area to the north of the 4910 Birch Street building. This listing included a cleanup status for the property of "Completed – Case Closed as of 3/4/2002 and the Case Closure Summary dated December 5, 2001. The case summary stated that upon removal of a 12,000-gallon gasoline UST, contaminated soil was detected. Excavation of the contaminated soil was performed, and it was discovered contamination was more extensive than anticipated. A dual phase vacuum extraction system (DPVES) was installed and operated to address contamination between January 1999 and February 2001. The DPVES was operated until target cleanup levels were met for groundwater. A health risk assessment was performed and an excess cancer risk above $1x10^{-6}$ was not posed to the occupants of the property's buildings. No further action was recommended. Based on current cleanup status of the property and its proximity to the Site, EMS believes this former LUST case is an *Historical Recognized Environmental Condition* in connection to the Site.

The Conexant Systems, Inc. (Former Rockwell Intl Semi-Conduct Div) facility is located adjacent and to the south of the Site and has a current cleanup status of "Open – Remediation as of 7/16/2010. EMS reviewed the *2019 Annual Site-Wide and Third Quarter 2019 WDR Groundwater Monitoring and Sampling Report, Former Conexant Systems, Inc., 4311 Jamboree Road, Newport*

Beach, California prepared by JHA Environmental, Inc. in November 2019. According to the report, 10 former waste solvent and fuel USTs were located on the property. Solvents were detected in soil at the property in January 1984. VOCs were detected in subsequent soil and soil vapor investigations. A pilot soil vapor extraction (SVE) system was installed in October 1984 and operated for approximately two years. Additional soil and soil vapor investigations were performed and based on the results of the 2005 and 2006 investigations, a high vacuum SVE system was installed in July 2008 that ran until January 2016. The report also states that shallow and intermediate groundwater had been impacted at the property by VOCs and groundwater remediation efforts had been ongoing since 1986. Based on the lack of significant contaminants present for 18 to 20 years the shallow zone wells, intermediate zone wells and lower zone wells were permanently destroyed in May 2008. The report states well destruction was "conducted in accordance with the Santa Ana RWQCB directive letters dated February 27, 2008 and March 5, 2008". A review of current conditions at the property along with remediation currently ongoing, EMS believes the LUST case at Conexant Systems is a *Controlled Recognized Environmental Condition* in connection to the Site.

EMS reviewed documents for the Orange County Airport which included facilities listed as Signature Flight Support at 19301 Campus Drive and Martin Aviation (Fuel Farm) at 19331 South Airport Way on the GeoTracker website. The most recent groundwater monitoring report stated that the 12 monitoring wells had historically contained floating product and canisters have been used to collect to remove the floating product. Based on a review of the most recent groundwater monitoring data and its distance from the Site, the Orange County Airport facilities do not appear to pose an environmental concern to the Site.

The Koll Co property located adjacent and to the west of the Site at 4400 MacArthur Boulevard, and Accupath (now listed as Scratch Medical Building) located at 2601 Campus Drive did not have any documents available to review. Koll Co had a listed cleanup status of "Completed – Case Closed as of 3/4/1993" and Accupath had a cleanup status of "Completed – Case Closed as of 12/13/1984". Based on the distance, location and status of these facilities they do not appear to pose an environmental concern to the Site.

The DTSCs Envirostor website had a listing for the Accupath facility at 2601 Campus Drive with a site/facility type of "closed". The facility history states the "DTSC determined the site clean closed on January 15, 1991".

The AQMD's FINDS database returned a facility id of 83323 for Koll Center Newport #4 at 4910 Birch Street, Newport Beach, Ca 92660, but did not have any other records.

The Orange County Health Care Agency (OCHCA) responded to a records request for the addresses of 4440 Von Karman Avenue and 4910 and 5000 Birch Street. The OCHCA did not have any records for 4440 Von Karman Avenue or 5000 Birch Street, but did have a number of records for 4910 Birch Street. The records for 4910 Birch Street include notes and reports of the 12,000-gallon gasoline UST removed from the property. Additional information regarding the UST removal is included in the previous GeoTracker website paragraph.

According to the DOGGR Online Mapping System (DOMS) there are no wells located on the site.

EMS' review of the documents available on the GeoTracker and EnviroStor websites identified evidence of *Historical Recognized Environmental Conditions* in connection with the Site for the former LUST case at 4910 Birch Street. EMS also identified evidence of *Controlled Recognized Environmental Conditions* at the Conexant Systems, Inc facility located at 4311 Jamboree Road.

2.3.6 ASTM E 1527-13 User Questionnaire

Mr. Derek Picerne, Executive Vice President of Development, The Picerne Group provided EMS with an ASTM E 1527-13 User Questionnaire for the site on June 9, 2020. Mr. Picerne was not aware of any environmental cleanup liens or activity and land use limitations against the Site. Mr. Picerne indicated that he had knowledge of environmental issues at the Uptown Newport and Tower Jazz properties. Mr. Picerne noted the purchase price for the property reasonably reflected the fair market value of the property. A former underground storage tank at an adjacent property was also noted by Mr. Picerne. A copy of the completed ASTM E 1527-13 User Questionnaire is included in Appendix K.

2.4 Information from Site Reconnaissance and Interviews

Mr. Flores of EMS visited the site on May 28, 2020 to conduct the site inspection. Mr. Flores did not require an escort as the Site as it has been a parking lot since the late 1970s and was previously vacant land.

The site consists of asphalt covered parking spaces and landscaping for the 4440 Von Karman and 4910 and 5000 Birch Street buildings (see Photograph 1). EMS accessed the Site from Birch Street on the eastern side of the property. Access from this side of the property led directly to Lots 1 and 3 on the Site. Storm swales were noted on the ground throughout Lots 1 and 3, no staining was noted in storm water runoff (see Photograph 2). A waste recycling bin was noted on the southeastern side of the 4910 Birch Street building in Lot 1 (see Photograph 3). EMS was unable to determine why the bin was placed there. trash enclosure was also noted near the southern corner of 4440 Von Karman Avenue (see Photograph 4). The trash enclosure area appeared to be clean. Storm drains were also noted in Lots 1 and 3 (see Photograph 5). No staining was observed in stormwater draining into the storm drains. A monitoring well was noted in Lot 1 and appears that it may have been installed to monitor groundwater as part of the UST cleanup at 4910 Birch Street discussed in previous sections (see Photograph 6).

Lot 5 was located on the southern portion of Koll Center Newport near the parking garage. This area also consisted of parking spaces and associated landscaping features. A monitoring well associated with the cleanup at the adjacent Tower Semiconductor was also noted in this Lot (see Photograph 7). Additional information regarding this cleanup is included in previous sections of this report. Three waste bins were observed in the southern corner of the parking lot. One of the bins appeared to be for the disposal of tree trimmings, while the other two bins appeared to be for trash (see Photographs 8 and 9).

EMS' Site reconnaissance did not identify the presence of *Recognized Environmental Conditions* in connection with the site.

2.4.1 Hazardous Substances in Connection with Identified Uses

EMS did not observe hazardous substances containers observed on-site during the Site inspection.

2.4.2 Other Hazardous Substances and Unidentified Substance Containers

There were no hazardous substances (not in connection with identified uses) or unidentified substance containers observed on-site during the Site inspection.

2.4.3 Storage Tanks

No storage tanks were observed currently on the Site. There was previously an underground storage tank adjacent to the Site on the 4910 Birch Street property that is discussed in previous sections.

2.4.4 Indications of Polychlorinated Biphenyls (PCBs)

No electrical transformers were observed on-site.

2.4.5 Indications of Solid Waste Disposal

There were no noted concerns regarding on-site solid waste disposal during the site inspection. One locked trash disposal area was noted in Lot 3 and appeared to be in good condition. Three large bins were noted in Lot 5, one contained tree trimmings while the other two contained trash. The areas around the bins appeared to be clean.

2.4.6 Physical Setting Analysis, if Migrating Substances are an Issue

Potential off-site sources of groundwater contamination were discussed in previous sections of this report. Based on the subsurface investigation performed at Lots 1 and 3 in 2015 and the construction of a parking structure in Lot 5, migrating substances do not appear to be an issue at the Site.

2.4.7 Indications of Asbestos Containing Material (ACM)

The Site is currently three parking lots, therefore asbestos containing material is not an environmental concern.

2.4.8 Radon Accumulation Potential

The National Radon Database has been developed by the EPA and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The EPA has established the following three zone classifications for radon:

Zone 1 indoor average level > 4 picocuries per liter (pCi/L),
Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L,
Zone 3 indoor average level < 2 pCi/L,

The EDR *Geocheck*® report contains radon information for Orange County (Appendix B). The EPA Radon Zone for Orange County is Zone 3 (indoor average level < 2 pCi/L). The EPA recommended guideline for radon is 4.0 pCi/L. Federal radon information also indicates 100% of first floor living areas were below 4 pCi/L. Data was not reported for second floor living areas and basements.

The EDR report also contains data from a California State database for radon. This database indicates that of the 57 sites tested for radon within the 92660 Zip Code, no sites had radon levels greater than 4.0 pCi/L.

Because the site consists of two parking lots, EMS noted no potential concerns with respect to radon at the site.

2.4.9 Indications of Lead Based Paint

The Site consists of outdoor parking spaces and landscaping, therefore lead based paint is not a concern.

3 Data Gaps

EMS did not interview anyone with current knowledge of the Site as it was previously vacant land and is now a parking lot. EMS feels the lack of an interview does not significantly impact EMS' ability to identify *Recognized Environmental Conditions* at the Site due to the amount of information available on the property from other sources.

4 Findings and Conclusions

EMS performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 of Lots 1, 3 and 5 at Koll Center Newport in the City of Newport Beach, Orange County, California 92660. Any exception to, or deletions from, this practice are described in Section 3 of this report. EMS' Phase I ESA findings regarding *Recognized Environmental Conditions, Historical Recognized Environmental Conditions, Controlled Recognized Environmental Conditions* or *De Minimis Conditions* in connection with the site are summarized below:

Recognized Environmental Conditions (REC):

- EMS did not identify any RECs associated with the Site.

Historical Recognized Environmental Conditions (HREC):

- A Leaking Underground Storage Tank (LUST) case for the 4910 Birch Street parking lot located adjacent and to the northwest of Lot 1 was identified by Environmental Data Resources, Inc. (EDR). This LUST case appeared to be related to an underground storage tank (UST) spill discovered during the closure of a 12,000-gallon gasoline storage tank on the property in October 1993. It appears remediation was performed on the property consisting of excavation and disposal of contaminated soil and the installation of a dual phase vapor extraction (DPVE) system to treat soil and groundwater. The status of the property is currently listed as "Completed – Case Closed" as of March 4, 2002. The case summary available on the GeoTracker website stated that the DPVE system was installed in January 1999 and operated until target cleanup levels were met in February 2001. A health risk assessment was performed and an excess cancer risk above $1x10^{-6}$ was not posed to the occupants of the property's buildings. No further action was recommended. Based on the current cleanup status of the property and its proximity to the Site, EMS believes this former LUST case is an *HREC* in connection with the Site.

Controlled Recognized Environmental Conditions (CREC):

- A review of the Phase I Environmental Site Assessment (ESA) prepared for the Site by EEI Engineering Solutions (EEI) on November 15, 2016 (Revised June 9, 2017) listed a release of chlorinated solvents at the Conexant Systems, Inc. (Former Rockwell Semi-Conductor Division also listed as Rockwell International Corp) facility located adjacent and to the south of the Site. In order to review some of the history and determine the current status of the Conexant facility, EMS reviewed the *2019 Annual Site-Wide and Third Quarter 2019 WDR Groundwater Monitoring and Sampling Report, Former Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, California* prepared by JHA Environmental, Inc. in November 2019. According to this report, 10 former waste solvent and fuel USTs were located on the Conexant property. A pilot soil vapor extraction (SVE) system was installed in October 1984 and operated for approximately two years. Additional soil and soil vapor investigations were performed in 2005 and 2006 and based on the results from these investigations, a high vacuum SVE system was installed in July 2008 which ran until January 2016. The report also states that shallow and intermediate groundwater had been impacted at the property by VOCs and groundwater remediation efforts had been ongoing since 1986. Based on the lack of significant contaminants present for 18 to 20

years the shallow zone wells, intermediate zone wells and lower zone wells were permanently destroyed in May 2008. The property is also undergoing a pilot test study for enhanced in-situ bioremediation at the property for remediation of contaminants of concern in groundwater. Based on a review of current conditions at the Conexant facility, along with ongoing remediation and a subsurface investigation performed by RM Environmental, Inc. (RM) on February 3, 2015 that did not detect VOCs in groundwater; EMS believes the Conexant facility is a *Controlled Recognized Environmental Condition* in connection with the Site.

Although indoor air quality is specifically listed as a non-scope consideration under Section 13.1.5.7 of ASTM E 1527-13, *Environmental Professionals* cannot eliminate migration of vapors from the ASTM E 1527-13 Phase I ESA scope of work as this would result in the Phase I ESA being non-AAI compliant. ASTM has released ASTM E 2600-10 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. The Guidance is directed at identifying the likelihood for migrating vapors to encroach onto a target property creating a vapor encroachment condition (VEC). The potential findings of the ASTM E 2600-10 screening are the following:

- A VEC exists or is likely to exist; or,
- A VEC can be ruled out because it does not exist or is not likely to exist.

ASTM E 2600-10 is a two Tier process. Tier 1 focuses on known or suspected contaminated properties identified during the Phase I ESA within an Area of Concern (AOC) about the target property. For volatile and semi-volatile organic compounds (VOCs and SVOCs), such as dry cleaning chemicals and industrial solvents, the AOC is defined as 1/3 mile. For petroleum hydrocarbon chemicals such as gasoline the AOC is defined as 1/10 mile. The AOC can be shortened in the down- and cross-gradient directions if the groundwater flow direction is known. One former UST adjacent and to the northwest of the Site and three dry cleaning facilities listed as Emerald Cleaners and Green Hangar Cleaners at 4341 MacArthur Boulevard, The Duke Hotel at 4500 MacArthur Boulevard and MacArthur Square Cleaners, Bart Patel at 1701 Corinthian Way adjacent and to the northwest of the Site were listed by EDR. The dry-cleaning facilities at 4341 MacArthur Boulevard and 1701 Corinthian Way use tetrachloroethylene dry-cleaning equipment according to information available from the EDR database.

Tier 2 focuses on the contaminated plumes from the contaminated properties identified within the AOC and their proximity (critical distance) to the target property. The critical distance is 100 feet for VOCs and 30 feet for petroleum hydrocarbons. Based on a subsurface investigation performed by RM on February 3, 2015, VOCs were not detected above 2015 San Francisco Regional Water Quality Control Board Environmental Screening Levels (ESL) or California Human Health Screening Levels; however a comparison of the data to the 2019 ESLs did determine that benzene exceeded the ESL with a maximum concentration of 22 $\mu g/m^3$. Based on the results of the 2015 subsurface investigation a VEC exists. According to information provided to EMS the residential structure on the Site will be situated above a parking structure. First-floor aboveground and subsurface parking generally have higher air exchange rates than occupied floors and in this case the parking structure will act as a barrier to vapor migration into overlying residential floors.

5 Bibliography

EEI Engineering Solutions, *Phase I Environmental Site Assessment, The Koll Center Residences – Newport, Assessor's Parcel Numbers 445-131-29 and -30 (portion of) 4400 Von Karman Avenue, Newport Beach, Orange County, California 92660,* November 15, 2016 (Revised June 9, 2017)

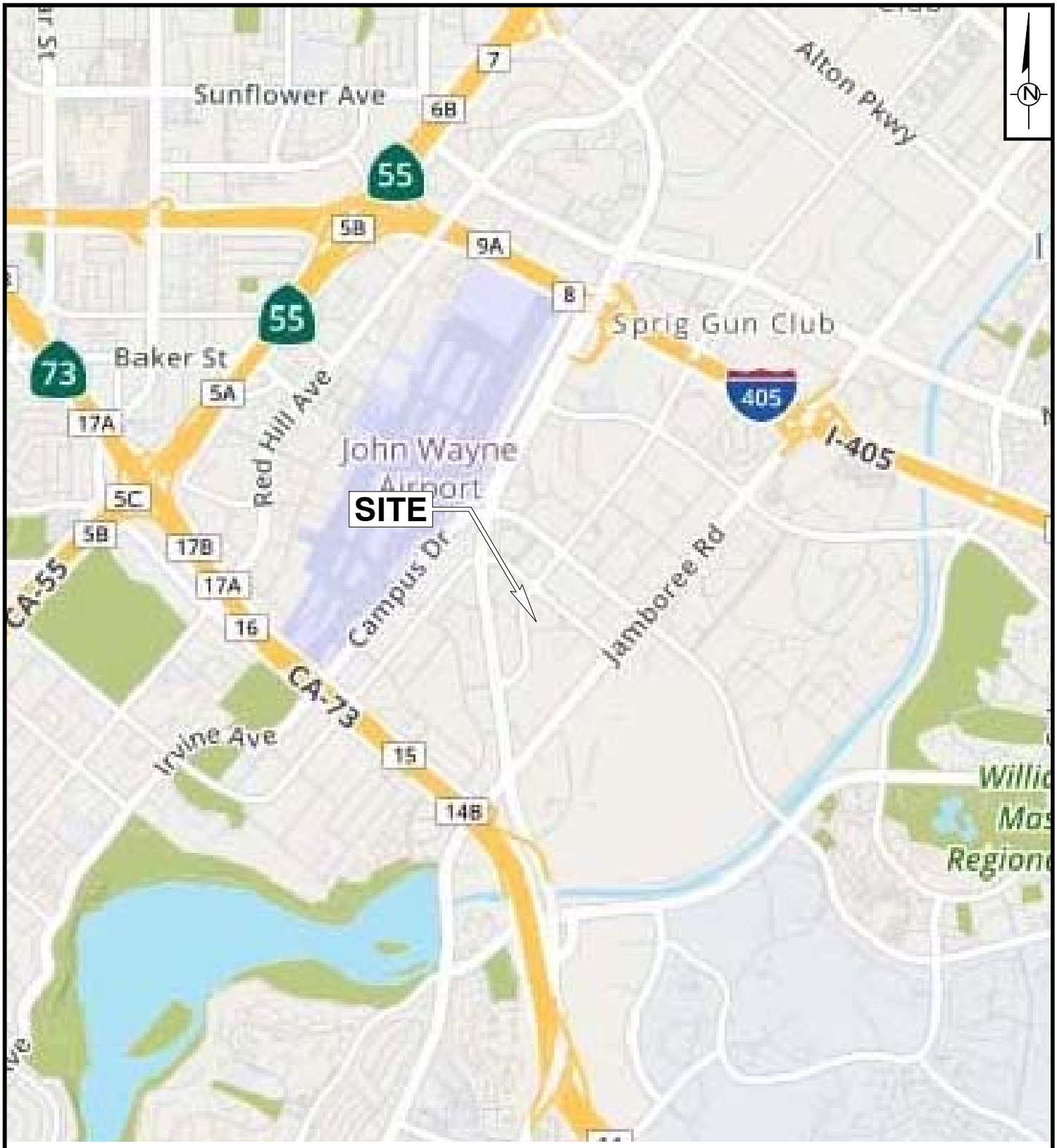
RM Environmental Inc, *Report of Installation and Development of Groundwater Monitoring Wells M-23R, M-48R, I-2R, and I-4R Phase 1 of Uptown Newport Project (Former Conexant Facility) 43 1 1 & 432 1 Jamboree Road Newport Beach, California*, November 8, 2016

Environmental Management Strategies, Inc., *Phase I Environmental Site Assessment, Lots 1, 3 and 5 at Koll Center Newport (4440 Von Karman Avenue and 4910 and 5000 Birch Street) Newport Beach, CA 92660*, June 2019

JHA Environmental, Inc., *2019 Annual Site-Wide and Third Quarter 2019 WDR Groundwater Monitoring and Sampling Report, Former Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, California,* November 2019

FIGURES

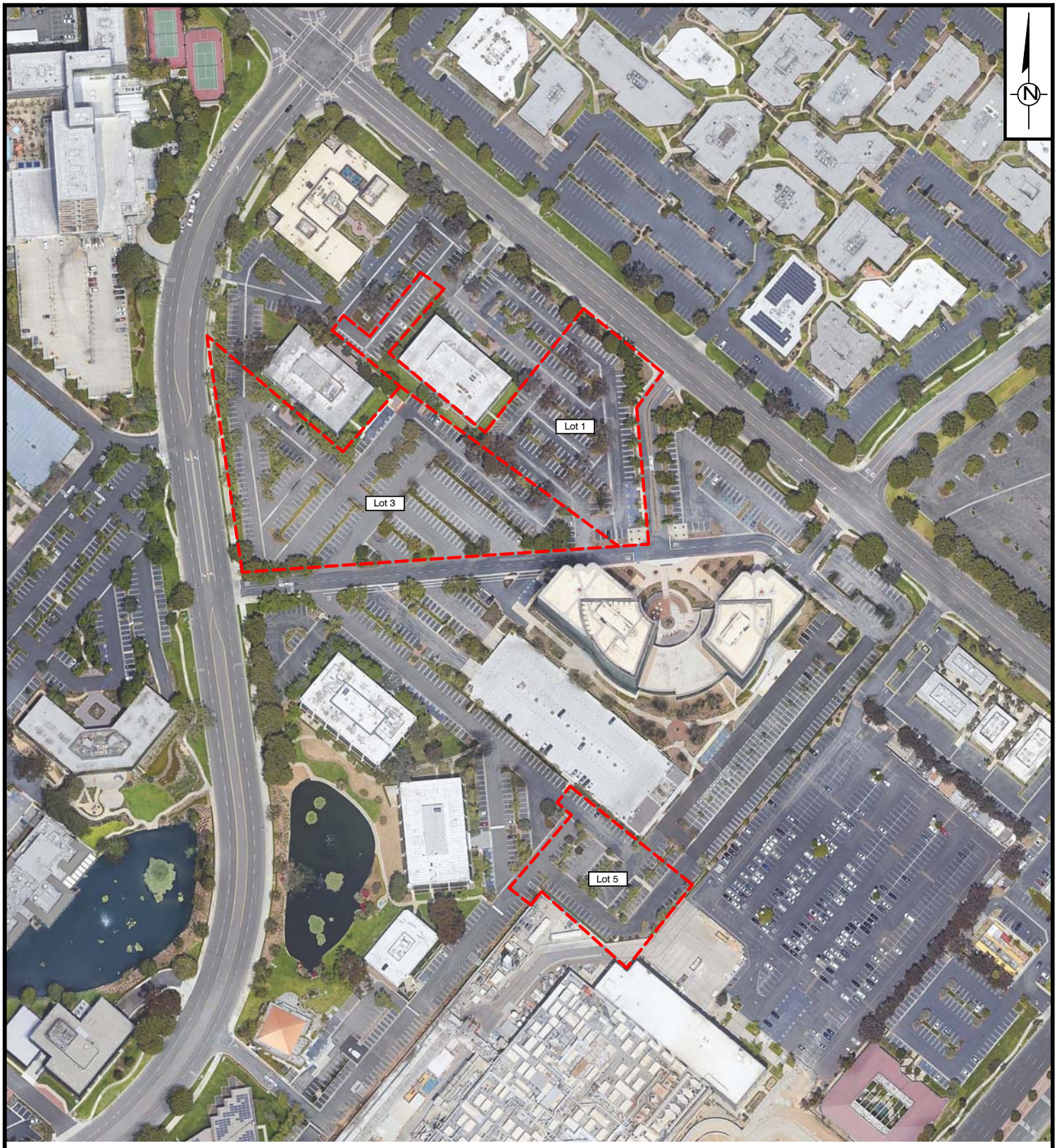
\\ESTSERVER\Projects\EMS FIGS\EMS542 - Picerne Group - Koll Center Newport\FIG 1-Site Location Map - Koll Center Newport



Map Source: Mapquest

	NOT TO SCALE	**SITE LOCATION MAP** Lots 1, 3 and 5 Koll Center Newport Newport Beach, Ca
	Project Number: EMS542	Phase I Environmental Site Assessment
	Project Manager: AS / Drafter: AF	ENVIRONMENTAL MANAGEMENT STRATEGIES, INC. *Financially Based, Environmental Solutions*
	Date: 05/28/2020	Figure: 1

\\ESTSERVER\Projects\EMS FIGS\EMS542 - Picerne Group - Koll Center Newport\FIG 2-Site Map - Koll Center Newport -



Map Source: Google Earth

	NOT TO SCALE	**SITE MAP** Lots 1, 3 and 5 Koll Center Newport Newport Beach, CA
	Project Number: EMS542	Phase I Environmental Site Assessment
	Project Manager: AS / Drafter: AF	ENVIRONMENTAL MANAGEMENT STRATEGIES, INC. *Financially Based, Environmental Solutions*
	Date: 05/28/2020	Figure: **2**

PHOTOGRAPHS

Client: Picerne Group
Property Location:

Photographs Date:

Project Number: EMS542
Koll Center Newport,
Newport Beach, Ca
May 16, 2019

EMS
ENVIRONMENTAL MANAGEMENT STRATEGIES, INC.



Photograph 1: Landscaping and parking spaces near the 4910 Birch Street building.



Photograph 2: Storm drainage swales in Lots 1 and 3.



Photograph 3: Waste recycle bin to the southeast of 4910 Birch Street.

Client: Picerne Group
Property Location:

Photographs Date:

Project Number: EMS542
Koll Center Newport,
Newport Beach, Ca
May 16, 2019

EMS
ENVIRONMENTAL MANAGEMENT STRATEGIES, INC.



Photograph 4: Bins inside trash enclosure near 4400 Von Karman Avenue.



Photograph 5: Stormwater drain.



Photograph 6: Monitoring well in Lot 1.

Client: Picerne Group
Property Location:

Photographs Date:

Project Number: EMS542
Koll Center Newport,
Newport Beach, Ca
May 16, 2019

EMS
ENVIRONMENTAL MANAGEMENT STRATEGIES, INC.



Photograph 7: Monitoring well in Lot 5.



Photograph 8: Trash and tree trimming bin in Lot 5.



Photograph 9: Trash bin in Lot 5.

APPENDIX A

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Anthony F. Severini, P.G.

Position in the Firm

Mr. Severini is the President and Owner of Environmental Management Strategies, Inc., headquartered in Irvine, California. Mr. Severini specializes in the fields of damage assessment and cost recovery of environmental remediation, PRP cost assessment and allocation, environmental contractor dispute resolution, the transfer sale and/or divestiture of environmentally impaired property, regulatory dispute resolution, environmental insurance claims and protection, and strategic environmental planning.

Mr. Severini is a licensed Geologist in eight states including California. His 30 years of experience is based upon environmental work performed on over 2000 sites spanning 44 states in the US. Mr. Severini, who is considered one of the top hydrogeologists in Southern California, brings an understanding of complex environmental issues along with business acumen of key financial impacts of environmental damage to assist law firms, industry, insurance companies, lenders and property owners in environmental litigation and cost allocation of environmental pollution.

Professional Experience

Mr. Severini provides expert witness testimony for environmental litigation on sites involving soil and ground-water contamination, environmental stigma, cost allocation, NCP applicability and financial damage assessment. He has both testified and provided expert opinions on numerous court cases involving CERCLA claims, toxic torts, and PRP cost allocation. Additionally, he has provided testimony under direct and cross examination and has provided thousands of pages of deposition testimony. Because of his strong environmental background, numerous cases have been settled immediately after Mr. Severini's delivery of an expert report.

Mr. Severini has directed or overseen environmental investigations on sites involving manufacturing, aerospace, chemical storage, manufactured gas plant, automotive assembly, petroleum storage, petroleum refining, landfill / disposal, multiple PRP groundwater plumes, site demolition, and facility decommissioning.

Mr. Severini's areas of environmental technical skills include hydrogeology, geology, geochemistry, property conveyance, ground-water monitoring systems, site assessments, site remediation, environmental audits, vacuum extraction, ground-water remediation, biodegradation, and regulatory negotiation. Mr. Severini is one of the nation's leading consultants on environmental investigations related to due diligence and property transfer, purchasing, and financing, having managed and directed investigations on more than 2000 properties totaling more than $35 billion in real estate value.

Mr. Severini's experience includes assessing aquifer properties, quantifying ground-water flow, determining the extent of ground-water contamination, and ground-water and contaminant

modeling in saturated and unsaturated soils. Mr. Severini has experience in interpreting hydrogeologic and geochemical data; estimating hydrogeologic properties of aquifers; and determining ground-water flow paths and travel time. He has worked on ground-water models including data synthesis, developing and calibrating two- and three-dimensional finite-element and finite-difference flow models, sensitivity analysis of input parameters, predictive modeling of contaminant transport, and performance modeling of proposed containment systems. He is also a professional in "forensic-type" analyses for determining unknown sources for contaminant plumes and has received corporate quality awards for excellence in hydrology.

Summary of Related Project Experience

The following is a brief description of a sampling of Mr. Severini's experience on environmentally impaired sites.

- Mr. Severini was the former National Environmental Practice Leader for KPMG's Forensic and Litigation Services Practice. In this capacity, Mr. Severini directed a team of insurance, real estate and engineering professionals in the development of exit strategies for clients with environmentally impaired properties. These exit strategies included the procurement of environmental insurance products, the cleanup of potentially hazardous chemical constituents in the soil and ground water, and the assessment of real estate value based on impaired and unimpaired conditions.

- Consulted on the procurement of remediation cost cap insurance and third party liability insurance products for a $150 M commercial development in Irvine, California. The site was impaired by two off-site sources of ground-water contamination and the owner wanted to sell an equity interest to an institutional investor. Our staff developed all the necessary environmental due diligence information, coordinated the transfer of data between the insurance broker and insurance carrier, and reviewed sample policies and draft policies during the procurement phase.

- Directed the analysis of potential exit strategies for a $22 M commercial development in Milpitas, California. The site was impaired by on-site and off-site sources of ground-water contamination. Three exit strategies were selected which included a combination of on-site remediation and insurance products in lieu of indemnifications. The property is currently in remediation stages and will be placed on the market for sale once insurance products are procured.

- Directed the remediation of 240 acres of a former oil production area in Huntington Beach, California. Over 100,000 cubic yards of soil contaminated with petroleum products, arsenic, metals and reduced sulfur compounds were remediated for development of the site for residential housing. Directed the recycling, treatment and disposal of contaminated soil from leaking oil field production wells, methane and odor measurements and abatement, oil storage tanks, oil field sumps, refining facilities and buried pipelines. Assisted with regulatory compliance and permitting. Assisted in the

development plans for the reuse of the former oil production facility as a future residential housing development, area parks and a golf course.

- Directed site characterization studies on four separate refineries in the greater Los Angeles area. Bulk storage terminals, aboveground and underground storage tanks, pumping/transfer stations, marine terminals, and spill areas were investigated with soil borings and monitoring wells. Soil and ground-water contamination, and free-phased floating product were identified.

- Directed a RCRA corrective action remediation of a metal foundry in Paramount, California. The site was identified as a potential school site for the Paramount school district. Tasks included characterization of the vertical and lateral extent of contamination, removal of underground storage tanks, disposal of soil contaminated with metals and solvents, remediation of 4,000 cubic yards of contaminated soil by enhanced biodegradation, free-phase product recovery, ground-water monitoring and remediation.

- For a former oil recycling facility in Santa Fe Springs, California, managed the ground-water and soil characterization studies, negotiated a formal process for removing the site from the Superfund list with regulatory agencies, designed soil and ground-water cleanup measures, managed the removal of aboveground and underground storage tanks, and prepared documents in support of construction financing.

- One of Mr. Severini's specialties is the computer simulation of ground-water aquifers and contaminant plume migration, having completed nearly 30 separate investigations in his career.

- Using optimization modeling, determined the optimal pumping scheme for water supply wells in the Cheyenne, Wyoming municipal water well fields. Analyzed existing aquifer conditions, simulated seasonal performances of the well fields with computer models, and developed pumping strategies that minimized well field drawdown and produced abundant water supply for the city of Cheyenne during normal and below normal precipitation periods.

- Evaluated the effectiveness of recharge strategies for the West Coast Basin ground-water aquifer for the Los Angeles County Flood Control District. Evaluated the effectiveness of recharge basins, evapotranspiration losses, salt-water intrusion barriers, ground-water injection and recharge requirements to meet peak ground-water demand periods during drought years.

- Designed the ground-water extraction system for a mining facility in Denver, Colorado to control ground-water contaminant migration from a mine tailings pond using state-of-the-art computer simulation techniques.

- Managed the cost accounting for economic damages caused by regional ground-water contamination for a major aerospace corporation in southern California. Performed and directed the financial analyses of financial statements, databases, invoices, contracts and purchase orders for the development, installation, and operation of a water treatment purification plant. Assisted in the development of financial summary documents to support the submittal of claim packages to insurance carriers.

- Managed ground-water projects for the Department of Energy's program to determine safe geologic media for the deep burial of high-level radioactive waste in the mid-Atlantic and Gulf Coast states. Calculated ground-water flow velocities in deep formations, simulated the performance of the deep repositories with finite-difference and finite-element models in three dimensions, and performed stochastic probability analyses to determine the effects of data error on repository performance. Analyzed the ability to characterize hydrologic properties in deep, fractured crystalline rocks and salt domes through small and large diameter boreholes.

- Directed the investigations of sites contaminated with MTBE in Santa Monica, Irvine and Los Angeles, California. Each site involved the characterization of ground-water plumes, the extent of MTBE plume migration, and the overlap of other plumes with MTBE. Forensic types of analyses were performed using numerical modeling simulations to evaluate the locations of possible sources and the time-rate-of-travel of MTBE. Results indicated the possible times when spillage of MTBE occurred at each of the sources, the volume of ground water contaminated by each source and provided a basis for cost allocation between PRPs for total remediation costs.

- Developed the design for a vapor extraction remediation system for Caltrans in support of freeway expansion in Livingston, California. System was designed to remove free petroleum products from the water table and shallow soils. Project awarded and designed while Mr. Severini was with a former employer. The system designed by Mr. Severini was placed into operation and site closure was achieved.

- Provided senior oversight of hydrogeologic investigations on manufactured gas plant sites in New York and California. Investigations included review of historic operations, locations of potential source areas of contamination, and identification of MGP constituents in soil and ground water.

- Directed the sampling of soils to determine the deposition of air-borne contaminants at residences in the City of Glen Avon in support of the PRP defense committee at the Stringfellow Superfund site in southern California. Provided testimony as to the techniques for sampling, constituents discovered and their likely source.

- Directed the remediation of a large TCE/PCE ground-water plume at a former aerospace facility in Irvine, California. Tasks included delineating the extent of the plume, installing a pump and treat extraction well system, removal of an underground storage

tank, NPDES permitting, treatment of contaminated effluent by ultraviolet/peroxide purification and carbon adsorption, and treatment of 2,000 yards of contaminated soil by chemical oxidation. Developed a cost allocation model for the settlement of CERCLA claims between existing and previous landowners.

- Managed the cleanup of a gasoline leak from an underground storage tank in Fullerton, California. Permitted, designed, and operated a vapor extraction system using carbon adsorption to achieve eventual cleanup of the contaminated soil.

- Evaluated the effectiveness of ground-water extraction systems at the Rocky Mountain Arsenal in Denver, Colorado. Simulated the recovery of contaminated ground water using a two-dimensional finite-difference computer model and predicted the shape and concentration of the plume over the next 25 years of use. The simulations were used to upgrade the existing extraction system to increase the effectiveness of all control measures.

Former Positions

Prior to forming Environmental Management Strategies, Inc., Mr. Severini was the National Environmental Practice Leader for KPMG LLP where he was the lead consultant on all environmental litigation engagements.

Prior to joining KPMG, Mr. Severini managed the California operations of Blasland, Bouck & Lee, Inc., an environmental engineering, design and remediation firm, where he was Vice President and General Manager of BBL's Irvine, California office.

Prior to joining BBL, Mr. Severini managed the California operations of TRC Companies, an environmental engineering firm, where he was Vice President and Manager of Hazardous Waste Services for TRC's offices in Irvine, Fresno and San Francisco.

Publications

Severini, A. and Gibson, J. - *Evaluation of In Situ Hydrogeologic Techniques for Determining Crystalline Rock Permeability in Large- and Small-Diameter Boreholes*. Abstract of the Hydrogeology of Rocks of Low Permeability, International Association of Hydrogeologists, Tucson, Arizona, January 1985.

Severini, A. and Gibson, J. - *Evaluation of Technology for Large- and Small-Diameter Boreholes to Characterize Crystalline Rock*. BMI/OCRD-21, Office of Crystalline Repository Development, Battelle Memorial Institute, Columbus, Ohio, May 1985.

Severini, A., Royalty, P.D., and Bateman, R.L. - *Optimization of Cheyenne Municipal Well-Field Operations: An Application of Parameter Estimation Modeling*. Proceedings of

Practical Applications of Ground-water Models Conference, National Water Well Association, Worthington, Ohio, August 15-17, 1984.

Severini, A. and Bitner, M.J. - *Two Algorithms to Improve the Efficiency of Existing Well Fields: I. Theoretical Development; II. Applications*. Abstract of the American Geophysical Union, Fall Meeting, San Francisco, December 1984.

Severini, A. and Gibson, J. - *Preliminary Overburden Characterization at Richton Dome*. ONWI-481, Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, November 1983.

Severini, A., McElwee, C., Butt, M., and Fleming, A. - *Salinity Control on the Smokey Hill River in Central Kansas*. Proceedings of the 1983 International Symposium on State-of-the-Art Control of Salinity, Salt Lake City, July 13-15, 1983.

Regional Ground-Water Flow Near Richton Dome, Mississippi. ONWI-456, Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, November 1983.

Severini, A. and Huntley, D. - *Heat Convection in Warm Springs Valley, Virginia*. Ground Water, 21, No. 6, November 1983.

Severini, A., Denne, J., Stander, T., Sophocleous, M., and Lucus, J. - *An Integrated Approach for Locating Glacial Buried Valley Aquifers.* Ground Water Series 5, Kansas Geological Survey, Lawrence, Kansas, 1982.

Severini, A., McElwee, C., Cobb, P., Fleming, A., and Paschetto, J. - *Study of the Salt Water Intrusion Problem Between Salina, Kansas and Solomon, Kansas, in the Smokey Hill River Valley*. Kansas Geological Survey, Lawrence, Kansas, March 1981.

Severini, A. - *Computer Modeling of Relief Wells Proposed to Alleviate Salt Water Intrusion Between Salina and Solomon, Kansas*. Abstract of the Annual Meeting, National Water Well Association, Kansas City, September 1981.

Severini, A., Denne, J., and Cobb, P. - *Results Comparison Between Conventional and Signal Enhanced DC Resistivity Instruments in Ground-Water Resource and Contaminant Exploration*. Abstracts of the American Geophysical Union, Fall Meeting, San Francisco, December 1981.

Severini, A. - *Resistivity Methods Applicable to the Detection of the Freshwater-Saltwater Interface in Ground-Water Aquifers*. Kansas Water Resources Board, Kansas River Basin, Salt River Intrusion Briefing, February 1980.

Severini, A. - *Optimization of the Drilling of Water Quality Observation Wells Using Electrical Resistivity*. Annual Meeting of the Big Bend Ground-water Management District No. 5, March 1980.

Severini, A., Denne, J., Sophocleous, M., and Lucus, J. - *Integrated Approach for Locating Glacial Buried Valley Aquifers in Northeastern Kansas*. New Techniques in Assessing Ground-Water Conditions in Glaciated Terrains Symposium, Midwest Ground-Water Conference, October 1980.

Mr. Severini is an author or co-author on over 1,500 technical reports documenting his consulting services to client.

Registrations

Professional Geologist, Arizona
Professional Geologist, Arkansas
Professional Geologist, California
Professional Geologist, Idaho
Professional Geologist, Indiana
Professional Geologist, Oregon
Professional Geologist, Tennessee
Professional Geologist, Virginia
AHERA Certified Asbestos Building Inspector
AHERA Certified Asbestos Management Planner
AHERA Certified Asbestos Project Designer
AHERA Certified Asbestos Contractor Supervisor
General Engineering A Licensed Contractor, California
C-57 Certified Well Driller, California

Education

MS/Geology, 1980, University of Connecticut
BS/Geology, 1975, University of Connecticut

ASHLEY FLORES

POSITION IN THE FIRM

Mr. Flores has a Bachelor of Science degree in Environmental Science from the University of California Riverside and has been in the environmental consulting industry since 2005. Mr. Flores has joined our team at EMS as a Staff Scientist in 2008. While at EMS Mr. Flores has participated in Potentially Responsible Party (PRP) identification environmental cost allocation, forensic environmental analysis, environmental due diligence, and environmental litigation support.

PROFESSIONAL EXPERIENCE

As a Staff Scientist with EMS, Mr. Flores has conducted Phase I Environmental Site Assessments (Phase I ESAs) and Phase II subsurface investigations. Mr. Flores has also conducted site remediation activities including remedial excavation confirmation sampling and routine soil vapor extraction system operation and maintenance. Mr. Flores site investigation and remediation experience has included work performed at vacant, residential, commercial, and industrial properties. Contaminants of concern included petroleum hydrocarbons, industrial solvents and emergent chemicals. Mr. Flores has experience with traditional hollow-stem auger, direct push and sonic drilling techniques for soil boring and groundwater monitoring well installation. Mr. Flores has also directed soil gas surveys. Mr. Flores has written reports, in whole or in part, documenting Phase I, Phase II and remediation activities.

As a Staff Scientist with EMS, Mr. Flores has conducted sampling of suspected asbestos containing material in commercial and residential structures. Mr. Flores participates in an on-going mold-abatement project for a food distribution warehouse located in Rancho Cucamonga, California.

As an Operations Manager, Mr. Flores managed, organized, and scheduled excavation and housing renovation projects in New Orleans, Louisiana for a crew of 20 employees.

As an Environmental Technician/Scientist Mr. Flores has prepared storm water pollution prevention plans for companies who are required to sample their storm water discharge. Mr. Flores has also prepared toxic chemical release inventory reports and countermeasure plans for spill prevention of hazardous materials or chemicals, also has experience in biohazard cleanup of vehicles and has also taught training sessions for first aid, CPR, and blood borne pathogen exposure.

REPRESENTATIVE SITE EXPERIENCE

- Conducted Due Diligence site assessment activities for numerous residential, commercial and industrial properties located in California. The Due Diligence site assessment activities consisted of the completion of Phase I and Phase II ESAs as well as conducting

and evaluating the results of asbestos, lead based paint, lead in drinking water and radon gas surveys.

- Participates in on-going litigation support projects including PRP identification, detailed evaluation of historic activities, detailed hydrogeological and contaminant distribution evaluations, and cost allocation projects located in Orange and Los Angeles Counties, California.

- Coordinated meetings for mold abatement activities conducted at a 165,000 square foot distribution warehouse in Rancho Cucamonga, California. Meetings were held during the week on a daily basis to ensure the abatement contractor personnel did not interfere with normal warehouse operations. Communication between the warehouse personnel and the abatement contractor personnel allowed the abatement activities to be completed in a timely manner and ahead of schedule. Programmed and oversaw the installation of temperature and humidity data loggers to monitor building conditions.

- Conducted asbestos sampling for the remodeling of office suites at an office complex in the city of Pasadena. Due to the age of the buildings asbestos containing material was suspected to be contained within the building materials of the buildings. Asbestos samples were taken from a number of different medium including drywall, joint compound, carpet glue, etc. in each of the office suites ready for remodeling. The suites sampled did not contain asbestos allowing the suites to be remodeled without any additional expenses for asbestos removal and disposal.

- Performed remedial excavation confirmation soil sampling for a former copier refurbishing facility located in Irvine, California. Activities included screening soil for segregation according to South Coast Air Quality Management District Rule 1166, soil confirmation sampling and determination of final excavation limits.

- Conducted groundwater monitoring on a quarterly basis at a former oil field services bulk plant in northern California. The location previously contained a maintenance shop including underground storage tanks, steam cleaning, sumps, clarifiers, and associated drain lines. Currently conducting quarterly groundwater monitoring at an active plating facility and former aerospace manufacturing facility, both located in southern California. Groundwater underlying the plating facility is impacted with hexavalent chromium, while the aerospace facility is impacted with chlorinated solvents.

FORMER POSITIONS

2008 – Present	Scientist, Environmental Management Strategies, Inc., Irvine, California.
2005 – 2008	Operation Manager, BPD Inc., Fontana, California
2003 – 2005	Environmental Technician/Scientist, Jorgenson Environmental, Rancho Cucamonga, California.
2003	Part-time Environmental Technician, Regulation Compliance Inc., Riverside, California.

EDUCATION

Mr. Flores is a graduate from the University of California Riverside, he has received a Bachelor of Science degree in Environmental Science.

SPECIAL SKILLS / AWARDS

Fluent in Spanish
Proficient in PC programs such as Excel and Microsoft Word.

APPENDIX B

EDR RADIUS MAP™ WITH GEOCHECK®

Lots 1, 3 and 5 At Koll Center Newport
4910 Birch Street
Newport Beach, CA 92660

Inquiry Number: 6075412.2s
May 28, 2020

The EDR Radius Map™ Report with GeoCheck®

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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

4910 BIRCH STREET
NEWPORT BEACH, CA 92660

COORDINATES

Latitude (North):	33.6658620 - 33° 39' 57.10''
Longitude (West):	117.8601290 - 117° 51' 36.46''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	420256.3
UTM Y (Meters):	3725247.0
Elevation:	52 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640942 TUSTIN, CA
Version Date:	2012
West Map:	5640950 NEWPORT BEACH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140514
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
4910 BIRCH STREET
NEWPORT BEACH, CA 92660

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	KOLL CENTER NEWPORT	4910 BIRCH STREET	RGA LUST		TP
A2	KOLL CENTER NEWPORT	4910 BIRCH	FINDS		TP
A3	KOLL CENTER NEWPORT	4910 BIRCH	LUST, CA FID UST, HIST CORTESE, CERS		TP
A4	KOLL CENTER NEWPORT	4910 BIRCH STREET	RGA LUST		TP
A5	KOLL CENTER NEWPORT	4910 BIRCH ST	RGA LUST		TP
A6	KOLL CO KCN 4 THE	4910 BIRCH ST	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS		TP
A7	KOLL CENTER NEWPORT	4910	RGA LUST		TP
A8	KOLL CO	4910 BIRCH STREET	HAZNET, HWTS		TP
A9	KOLL CENTER NEWPORT	4910 BIRCH ST	UST, SWEEPS UST		TP
A10	KOLL CENTER NEWPORT	4910 BIRCH	RGA LUST		TP
A11	KOLL CENTER NEWPORT	4910 BIRCH ST	RGA LUST		TP
12	KOLL CENTER NEWPORT	5000 BIRCH ST	UST	Higher	128, 0.024, SE
B13	MERIDIEN HOTEL	4500 MAC ARTHUR BLVD	SWEEPS UST, CA FID UST	Lower	363, 0.069, NW
B14	RENAISSANCE NEWPORT	4500 MACARTHUR BLVD	UST, CERS TANKS, DRYCLEANERS, EMI, CERS	Lower	363, 0.069, NW
B15	PACIFIC COAST VALET	4500 MACARTHUR BLVD	EDR Hist Cleaner	Lower	363, 0.069, NW
B16	HOTEL MERIDIAN	4500 MACARTHUR BLVD	RCRA-SQG	Lower	363, 0.069, NW
C17	TAJICO ARLINGTON INC	4400 MAC ARTHUR BLVD	EDR Hist Cleaner	Lower	448, 0.085, West
C18	THE REALTY ASSOCIATE	4400 MACARTHUR BLVD.	LUST, CERS TANKS, HAZNET, HIST CORTESE, CERS, HWTS	Lower	448, 0.085, West
C19	KOLL CENTER NEWPORT	4400 MACARTHUR BLVD	UST	Lower	448, 0.085, West
D20	NEWPORT FAB (JAZZ SE	4321 JAMBOREE ROAD	RCRA-LQG, TRIS, ICIS, FINDS, ECHO	Higher	560, 0.106, SE
D21	CONEXANT SYSTEMS INC	4311 JAMBOREE RD	LUST, HAZNET, HWTS	Higher	560, 0.106, SE
D22	JAZZ SEMICONDUCTOR	4321 JAMBOREE RD MSC	CERS HAZ WASTE, CERS TANKS, CERS	Higher	560, 0.106, SE
D23	RF NANO CORPORATION	4311 JAMBOREE RD	ENVIROSTOR, LUST, HIST UST, Cortese, ENF, HAZNET,...	Higher	560, 0.106, SE
D24	SYNAPTICS	4311 JAMBOREE RD	RCRA NonGen / NLR	Higher	560, 0.106, SE
D25	NALCO COMPANY	4321 JAMBOREE ROAD	RCRA NonGen / NLR	Higher	560, 0.106, SE
D26	ROCKWELL INTERNATION	4311 JAMBOREE BLVD	HIST UST	Higher	560, 0.106, SE
27	HAYNIE & COMPANY	4910 CAMPUS DR	RCRA NonGen / NLR	Lower	751, 0.142, NNE
E28	U C IRVINE MEDICAL C	19172	HIST CORTESE	Higher	780, 0.148, ESE
F29	EMERALD CLEANERS	4341 MCARTHUR BLVD	RCRA-SQG, FINDS, ECHO, DRYCLEANERS, HAZNET, HWTS	Higher	785, 0.149, WNW
F30	GREEN HANGER CLEANER	4341 MACARTHUR BLVD	DRYCLEANERS, HWTS	Higher	805, 0.152, WNW
F31	GREEN HANGER CLEANER	4341 MACARTHUR BLVD	RCRA NonGen / NLR	Higher	805, 0.152, WNW
F32	GREEN HANGER CLEANER	4341 MACARTHUR BLVD	DRYCLEANERS	Higher	805, 0.152, WNW
E33	U C I	19182 JAMBOREE RD	SWEEPS UST, CA FID UST, HIST CORTESE	Higher	808, 0.153, ESE
E34	U C I - FLEET SERVIC	19182 JAMBOREE	LUST, CERS	Higher	808, 0.153, ESE
E35	U C I - FLEET SERVIC	19182 JAMBOREE	UST	Higher	808, 0.153, ESE
F36	STAPLES THE OFFICE S	4343 MACARTHUR BLVD	RCRA NonGen / NLR	Higher	812, 0.154, WNW
G37	APPLIED CIRCUIT SOLU	2649 CAMPUS DR	RCRA NonGen / NLR, FINDS, ECHO, HAZNET, HWTS	Lower	945, 0.179, ENE
H38	KOLL CENTER NEWPORT	4590 MAC ARTHUR	SWEEPS UST, CA FID UST	Lower	956, 0.181, NW
H39	KOLL CENTER NEWPORT	4590 MACARTHUR BLVD	UST	Lower	956, 0.181, NW

MAPPED SITES SUMMARY

Target Property Address:
4910 BIRCH STREET
NEWPORT BEACH, CA 92660

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H40	ORANGE COUNTY BUSINE	4590 MACARTHUR BLVD	RCRA-SQG, FINDS, ECHO	Lower	956, 0.181, NW
G41	ACCUPATH DIAGNOSTIC	2601 CAMPUS DR	ENVIROSTOR	Lower	985, 0.187, NE
G42	ELEMENTS SITE 1 TRAC	2601 CAMPUS DRIVE	LUST, HIST UST, HWP, NPDES, CIWQS, CERS	Lower	985, 0.187, NE
G43	HUGHES AIRCRAFT CO	2601 CAMPUS DR	HIST UST, EMI	Lower	985, 0.187, NE
G44	ACCUPATH DIAGNOSTIC	2601 CAMPUS DRIVE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG,...	Lower	985, 0.187, NE
G45	ICN BIOMEDICALS INC	2727 CAMPUS DR	RCRA-SQG, FINDS, ECHO	Lower	1014, 0.192, ENE
I46	JAMES R GLIDEWELL DE	4141 MACARTHUR BLVD	RCRA NonGen / NLR	Lower	1016, 0.192, SW
I47	GLIDEWELL DENTAL CER	4141 MACARTHUR BLVD	CERS HAZ WASTE, CERS	Lower	1016, 0.192, SW
J48	OFFICE DEPOT 861	2747 CAMPUS DRIVE	RCRA NonGen / NLR	Lower	1038, 0.197, ENE
J49	OFFICE DEPOT #861	2747 CAMPUS DRIVE	CERS HAZ WASTE, HAZNET, HWTS	Lower	1038, 0.197, ENE
K50	THE IRVINE COMPANY/M	4680 MACARTHUR CT ST	CERS TANKS, HAZNET, CERS, HWTS	Lower	1044, 0.198, NNW
K51	THE IRVINE COMPANY/M	4680 MACARTHUR CT ST	RCRA NonGen / NLR	Lower	1044, 0.198, NNW
K52	THE IRVINE COMPANY	4680 MACARTHUR CT	UST	Lower	1044, 0.198, NNW
L53	AMERICAN DATA	2465 CAMPUS DR	UST	Lower	1092, 0.207, NNE
L54	OWL COMPANIES (CORPO	2465 CAMPUS DR	HIST UST	Lower	1092, 0.207, NNE
L55	AMERICAN DATA INDUST	2465 CAMPUS	LUST, HIST UST, HIST CORTESE, CERS	Lower	1092, 0.207, NNE
56	MV UNIVERSAL, LLC	4040 MACARTHUR BLVD.	RCRA NonGen / NLR	Higher	1098, 0.208, SSW
J57	GW GLEANUP-IRVINE, C	CAMPUS & JAMBOREE	HIST CORTESE	Lower	1174, 0.222, East
58	BECKMAN INSTRUMENTS	92800 CAMPUS DR / JA	RCRA NonGen / NLR, FINDS, ECHO	Lower	1204, 0.228, East
M59	MACARTHUR SQUARE CLE	1701 H CORINTHIAN WA	RCRA-SQG, FINDS, ECHO, EMI, HAZNET, HWTS	Lower	1243, 0.235, West
M60	MAC ARTHUR SQUARE CL	1701 CORINTHIAN WAY	DRYCLEANERS	Lower	1243, 0.235, West
I61	BANK OF AMERICA	4101 MACARTHUR BLVD	RCRA NonGen / NLR	Lower	1244, 0.236, SW
N62	VNT PARTNERSHIP	2361 CAMPUS	LUST, HIST CORTESE, CERS	Lower	1246, 0.236, North
N63	C N T PARTNERSHIP	2361 CAMPUS DR	UST	Lower	1246, 0.236, North
O64	SHERATON HOTEL NEWPO	4545 MAC ARTHUR BLVD	SWEEPS UST, CA FID UST	Lower	1300, 0.246, WNW
O65	SHERATON HOTEL NEWPO	4545 MACARTHUR BLVD	UST	Lower	1300, 0.246, WNW
66	INTEL CORPORATION	4000 MACARTHUR BLVD	LUST, EMI, HAZNET, HIST CORTESE, CERS, HWTS	Higher	1456, 0.276, SSW
P67	HYOGO ATRIUM INC.	19100-200 VAN KARMAN	CPS-SLIC	Lower	1494, 0.283, NNE
P68	THE ATRIUM	19100-19200 VON KARM	CPS-SLIC, CERS	Lower	1494, 0.283, NNE
69	BEACON BAY CAR WASH	4200 BIRCH	LUST, HIST UST, CA FID UST, HIST CORTESE, CERS	Lower	1742, 0.330, West
70	AVIS RENT-A-CAR	4101	HIST CORTESE	Lower	1767, 0.335, WSW
71	TEXACO	4678 CAMPUS	LUST, HIST CORTESE, CERS	Lower	1975, 0.374, NW
Q72	TALLMANTZ-COUNTY OF	19711 AIRPORT S	LUST, UST, HIST UST, HIST CORTESE	Lower	2208, 0.418, NW
R73	AMR COMBS FUEL FARM	19301 CAMPUS DR	LUST, CERS HAZ WASTE, CERS TANKS, Cortese, EMI,...	Lower	2242, 0.425, NW
R74	SIGNATURE FLIGHT SUP	19301 CAMPUS DR	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Lower	2242, 0.425, NW
S75	PRUDENTIAL (FORMER B	19000 JAMBOREE RD	LUST, HIST CORTESE	Higher	2250, 0.426, ENE
Q76	JOHN WAYNE AIRPORT F	19801 AIRPORT WAY SO	EMI, Notify 65	Lower	2258, 0.428, NW
77	EDLER INDUSTRIES INC	2101 DOVE ST	RCRA-SQG, LUST, UST, FINDS, ECHO, HIST CORTESE,...	Lower	2260, 0.428, West
Q78	PAN WESTERN - COUNTY	19711 S AIRPORT WAY	LUST, SWEEPS UST, CA FID UST, CERS	Lower	2270, 0.430, NW

MAPPED SITES SUMMARY

Target Property Address:
4910 BIRCH STREET
NEWPORT BEACH, CA 92660

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
S79	IRVINE FACILITY	19000 JAMBOREE BLVD	LUST, HIST UST, Orange Co. Industrial Site,...	Lower	2304, 0.436, ENE
80	ALLERGAN SALES LLC (	2525 DUPONT DR	LUST, CERS HAZ WASTE, HIST UST, CERS TANKS, CA FID...	Lower	2321, 0.440, NE
81	MARTIN AVIATION (FUE	19331 S AIRPORT WAY	LUST, Cortese, CERS	Lower	2341, 0.443, NNW
Q82	AMERICAN AIR CENTER	19461 AIRPORT WAY	LUST	Lower	2395, 0.454, NW
Q83	AMERICAN AIR CENTER	19461 S AIRPORT WAY	LUST, CERS	Lower	2395, 0.454, NW
Q84	OR CO FIRE STN #27 (	19459 S AIRPORT WAY	LUST, SWEEPS UST, CA FID UST, CERS	Lower	2396, 0.454, NW
85	ORANGE COUNTY FIRE S	19459	LUST, HIST CORTESE	Lower	2521, 0.477, NW
T86	FLETCHER JONES MOTOR	1301 QUAIL ST	LUST, UST, HIST UST, CA FID UST, RCRA NonGen /...	Lower	2601, 0.493, SSW
U87	MALLINCKRODT MEDICAL	18691 JAMBOREE RD	FINDS, ECHO, HWP	Lower	2624, 0.497, ENE
U88	MALLINCKRODT MEDICAL	18691 JAMBOREE RD	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, US INST...	Lower	2624, 0.497, ENE
U89	XEROX CORPORATION	18691 JAMBOREE ROAD	CPS-SLIC	Lower	2624, 0.497, ENE
U90	THE BOARDWALK	18691 JAMBOREE ROAD	ENVIROSTOR, CPS-SLIC, DEED, Cortese, EMI, ENF,...	Lower	2624, 0.497, ENE
V91	ORANGE CNTY FIRE AUT	19459 CAMPUS DR	LUST, HAZNET, HWTS	Lower	2630, 0.498, West
V92	AMERICAN AIR CENTER	19461	CA FID UST, HIST CORTESE	Lower	2630, 0.498, West
T93	NEWPORT NISSAN	888	HIST UST, HIST CORTESE	Lower	2632, 0.498, SSW
T94	NEWPORT NISSAN	888 DOVE ST	LUST, UST, HIST UST, CERS	Lower	2632, 0.498, SSW
95	DICEON ELECTRONICS	18522 VON KARMAN AVE	ENVIROSTOR, CPS-SLIC, HIST UST, Orange Co....	Lower	3401, 0.644, NNE
96	ORANGE COUNTY AIRPOR		ENVIROSTOR	Higher	3615, 0.685, WNW
W97	TRAMMEL CROW	2602 MICHELSON	RESPONSE, ENVIROSTOR, LUST, CERS	Lower	3984, 0.755, NE
W98	AUDIO MAGNETICS CORP	2602 MICHELSON DR	RCRA-SQG, HIST Cal-Sites, FINDS, ECHO, CERS	Lower	3984, 0.755, NE
X99	SIGMA CIRCUITS, INC.	2970 AIRWAY AVENUE	ENVIROSTOR	Higher	4712, 0.892, WNW
X100	SIGMA CIRCUITS INC S	2970 AIRWAY AVENUE	SEMS-ARCHIVE, RCRA-SQG, ENVIROSTOR, CPS-SLIC,...	Higher	4712, 0.892, WNW
X101	COMMODORE SEMICONDUC	2955 AIRWAY AVE	ENVIROSTOR, HIST UST, EMI	Higher	4810, 0.911, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
KOLL CENTER NEWPORT 4910 BIRCH STREET NEWPORT BEACH, CA	RGA LUST	N/A
KOLL CENTER NEWPORT 4910 BIRCH NEWPORT BEACH, CA 92660	FINDS Registry ID:: 110066250657	N/A
KOLL CENTER NEWPORT 4910 BIRCH NEWPORT BEACH, CA 92660	LUST Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 05/13/2020 Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020 Status: Completed - Case Closed Facility Status: Case Closed Global Id: T0605901712 Global ID: T0605901712 Facility Id: 93UT076 CA FID UST Facility Id: 30017513 Status: A HIST CORTESE Reg Id: 083002383T CERS	N/A
KOLL CENTER NEWPORT 4910 BIRCH STREET NEWPORT BEACH, CA	RGA LUST	N/A
KOLL CENTER NEWPORT 4910 BIRCH ST NEWPORT BEACH, CA	RGA LUST	N/A
KOLL CO KCN 4 THE 4910 BIRCH ST NEWPORT BEACH, CA 92660	RCRA-SQG EPA ID:: CAR000015842 FINDS Registry ID:: 110002914561 ECHO Registry ID: 110002914561 HAZNET GEPAID: CAR000015842 HWTS	CAR000015842
KOLL CENTER NEWPORT 4910 NEWPORT BEACH, CA	RGA LUST	N/A

KOLL CO 4910 BIRCH STREET NEWPORT BEACH, CA 92660	HAZNET GEPAID: CAC001059864 HWTS	N/A
KOLL CENTER NEWPORT 4910 BIRCH ST NEWPORT BEACH, CA 92660	UST Database: UST, Date of Government Version: 03/09/2020 Facility Id: 5812 SWEEPS UST Status: A Tank Status: A Comp Number: 5812	N/A
KOLL CENTER NEWPORT 4910 BIRCH NEWPORT BEACH, CA	RGA LUST	N/A
KOLL CENTER NEWPORT 4910 BIRCH ST NEWPORT BEACH, CA	RGA LUST	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

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

Federal CERCLIS list

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

Federal RCRA generators list

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

EXECUTIVE SUMMARY

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List

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
AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
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
PFAS	PFAS Contamination Site Location Listing

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing

EXECUTIVE SUMMARY

CA BOND EXP. PLAN - Bond Expenditure Plan
CUPA Listings - CUPA Resources List
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
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
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
CIWQS - California Integrated Water Quality System
NON-CASE INFO - NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS - OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS - PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT - SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ - Well Stimulation Project (GEOTRACKER)
MINES MRDS - Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR 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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

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 01/30/2020 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACCUPATH DIAGNOSTIC Site ID: 0903301 EPA Id: CAD096882147	***2601 CAMPUS DRIVE***	***NE 1/8 - 1/4 (0.187 mi.)***	***G44***	***349***
MALLINCKRODT MEDICAL Site ID: 0900218 EPA Id: CAD058231598	***18691 JAMBOREE RD***	***ENE 1/4 - 1/2 (0.497 mi.)***	***U88***	***587***

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 03/23/2020 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACCUPATH DIAGNOSTIC EPA ID:: CAD096882147	***2601 CAMPUS DRIVE***	***NE 1/8 - 1/4 (0.187 mi.)***	***G44***	***349***
MALLINCKRODT MEDICAL EPA ID:: CAD058231598	***18691 JAMBOREE RD***	***ENE 1/4 - 1/2 (0.497 mi.)***	***U88***	***587***

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 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 03/23/2020 has revealed that there are 2 RCRA-TSDF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACCUPATH DIAGNOSTIC EPA ID:: CAD096882147	***2601 CAMPUS DRIVE***	***NE 1/8 - 1/4 (0.187 mi.)***	***G44***	***349***
MALLINCKRODT MEDICAL EPA ID:: CAD058231598	***18691 JAMBOREE RD***	***ENE 1/4 - 1/2 (0.497 mi.)***	***U88***	***587***

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 03/23/2020 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT FAB (JAZZ SE EPA ID:: CAR000113233	***4321 JAMBOREE ROAD***	***SE 0 - 1/8 (0.106 mi.)***	***D20***	***60***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACCUPATH DIAGNOSTIC EPA ID:: CAD096882147	***2601 CAMPUS DRIVE***	***NE 1/8 - 1/4 (0.187 mi.)***	***G44***	***349***

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 03/23/2020 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EMERALD CLEANERS EPA ID:: CAR000013268	***4341 MCARTHUR BLVD***	***WNW 1/8 - 1/4 (0.149 mi.)***	***F29***	***269***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HOTEL MERIDIAN	4500 MACARTHUR BLVD	NW 0 - 1/8 (0.069 mi.)	B16	51

EPA ID:: CAD981635188

ORANGE COUNTY BUSINE	***4590 MACARTHUR BLVD***	***NW 1/8 - 1/4 (0.181 mi.)***	***H40***	***332***
EPA ID:: CAD982498958				
ICN BIOMEDICALS INC	***2727 CAMPUS DR***	***ENE 1/8 - 1/4 (0.192 mi.)***	***G45***	***363***
EPA ID:: CAD982009607				
MACARTHUR SQUARE CLE	***1701 H CORINTHIAN WA***	***W 1/8 - 1/4 (0.235 mi.)***	***M59***	***421***
EPA ID:: CAD981635303				

Federal institutional controls / engineering controls registries

US INST 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.

A review of the US INST CONTROLS list, as provided by EDR, and dated 02/13/2020 has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MALLINCKRODT MEDICAL	***18691 JAMBOREE RD***	***ENE 1/4 - 1/2 (0.497 mi.)***	***U88***	***587***
EPA ID:: CAD058231598				

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 is 1 RESPONSE site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRAMMEL CROW	***2602 MICHELSON***	***NE 1/2 - 1 (0.755 mi.)***	***W97***	***640***
Database: RESPONSE, Date of Government Version: 01/27/2020				
Status: Certified				
Facility Id: 30350014				

State- and tribal - equivalent CERCLIS

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

identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/27/2020 has revealed that there are 9 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RF NANO CORPORATION Facility Id: 71002212 Status: Inactive - Needs Evaluation	***4311 JAMBOREE RD***	***SE 0 - 1/8 (0.106 mi.)***	***D23***	***229***
ORANGE COUNTY AIRPOR Facility Id: 80000829 Status: Inactive - Needs Evaluation		WNW 1/2 - 1 (0.685 mi.)	96	639
SIGMA CIRCUITS, INC. Facility Id: 71002902 Status: No Action Required	2970 AIRWAY AVENUE	WNW 1/2 - 1 (0.892 mi.)	X99	655
SIGMA CIRCUITS INC S Facility Id: 30280370 Status: Refer: Other Agency	***2970 AIRWAY AVENUE***	***WNW 1/2 - 1 (0.892 mi.)***	***X100***	***656***
COMMODORE SEMICONDUC Facility Id: 71002508 Status: Refer: Other Agency	***2955 AIRWAY AVE***	***WNW 1/2 - 1 (0.911 mi.)***	***X101***	***683***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACCUPATH DIAGNOSTIC Facility Id: 80001725 Status: No Action Required	2601 CAMPUS DR	NE 1/8 - 1/4 (0.187 mi.)	G41	334
THE BOARDWALK Facility Id: 80001430 Status: Active	***18691 JAMBOREE ROAD***	***ENE 1/4 - 1/2 (0.497 mi.)***	***U90***	***602***
DICEON ELECTRONICS Facility Id: 71002203 Status: Inactive - Needs Evaluation	***18522 VON KARMAN AVE***	***NNE 1/2 - 1 (0.644 mi.)***	***95***	***632***
TRAMMEL CROW Facility Id: 30350014 Status: Certified	***2602 MICHELSON***	***NE 1/2 - 1 (0.755 mi.)***	***W97***	***640***

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 26 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONEXANT SYSTEMS INC Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020	***4311 JAMBOREE RD***	***SE 0 - 1/8 (0.106 mi.)***	***D21***	***120***

Facility Id: 85UT105
Facility Id: 84UT001

RF NANO CORPORATION ***4311 JAMBOREE RD*** ***SE 0 - 1/8 (0.106 mi.)*** ***D23*** ***229***
Database: LUST, Date of Government Version: 05/13/2020
Status: Open - Remediation
Global Id: T0605900822

U C I - FLEET SERVIC ***19182 JAMBOREE*** ***ESE 1/8 - 1/4 (0.153 mi.)*** ***E34*** ***300***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Facility Status: Remediation Plan
Global Id: T0605901891
Global ID: T0605901891
Facility Id: 95UT056

INTEL CORPORATION ***4000 MACARTHUR BLVD*** ***SSW 1/4 - 1/2 (0.276 mi.)*** ***66*** ***437***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0605901227
Global ID: T0605901227
Facility Id: 91UT044

PRUDENTIAL (FORMER B ***19000 JAMBOREE RD*** ***ENE 1/4 - 1/2 (0.426 mi.)*** ***S75*** ***513***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Facility Status: Post remedial action monitoring
Global ID: T0605901027
Facility Id: 86UT183

Lower Elevation	Address	Direction / Distance	Map ID	Page

THE REALTY ASSOCIATE ***4400 MACARTHUR BLVD.*** ***W 0 - 1/8 (0.085 mi.)*** ***C18*** ***53***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0605901226
Global ID: T0605901226
Facility Id: 91UT045

ELEMENTS SITE 1 TRAC ***2601 CAMPUS DRIVE*** ***NE 1/8 - 1/4 (0.187 mi.)*** ***G42*** ***336***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0605979627
Global ID: T0605979627
Facility Id: 84UT028

AMERICAN DATA INDUST ***2465 CAMPUS*** ***NNE 1/8 - 1/4 (0.207 mi.)*** ***L55*** ***414***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020

Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0605901231
Global ID: T0605901231
Facility Id: 90UT200

VNT PARTNERSHIP ***2361 CAMPUS*** ***N 1/8 - 1/4 (0.236 mi.)*** ***N62*** ***432***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0605900351
Global ID: T0605900351
Facility Id: 86UT239

BEACON BAY CAR WASH ***4200 BIRCH*** ***W 1/4 - 1/2 (0.330 mi.)*** ***69*** ***450***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Facility Status: Remedial action (cleanup) Underway
Global Id: T0605901107
Global ID: T0605901107
Facility Id: 90UT084

TEXACO ***4678 CAMPUS*** ***NW 1/4 - 1/2 (0.374 mi.)*** ***71*** ***469***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0605900321
Global ID: T0605900321
Facility Id: 85UT098

TALLMANTZ-COUNTY OF ***19711 AIRPORT S*** ***NW 1/4 - 1/2 (0.418 mi.)*** ***Q72*** ***473***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0605900452

AMR COMBS FUEL FARM ***19301 CAMPUS DR*** ***NW 1/4 - 1/2 (0.425 mi.)*** ***R73*** ***475***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Preliminary site assessment underway
Global ID: T0605902296

SIGNATURE FLIGHT SUP ***19301 CAMPUS DR*** ***NW 1/4 - 1/2 (0.425 mi.)*** ***R74*** ***502***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Status: Open - Remediation
Facility Status: Pollution Characterization
Global Id: T0605902296
Global ID: T0605900160

EDLER INDUSTRIES INC ***2101 DOVE ST*** ***W 1/4 - 1/2 (0.428 mi.)*** ***77*** ***515***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Facility Status: Case Closed

Global Id: T0605901228
Global ID: T0605901228
Facility Id: 90UT196

PAN WESTERN - COUNTY ***19711 S AIRPORT WAY*** ***NW 1/4 - 1/2 (0.430 mi.)*** ***Q78*** ***520***
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Global Id: T0605900452
Facility Id: 93UT094

IRVINE FACILITY ***19000 JAMBOREE BLVD*** ***ENE 1/4 - 1/2 (0.436 mi.)*** ***S79*** ***525***
Database: LUST, Date of Government Version: 05/13/2020
Status: Open - Verification Monitoring
Global Id: T0605901027

ALLERGAN SALES LLC (***2525 DUPONT DR*** ***NE 1/4 - 1/2 (0.440 mi.)*** ***80*** ***543***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Pollution Characterization
Global ID: T0605901997

MARTIN AVIATION (FUE ***19331 S AIRPORT WAY*** ***NNW 1/4 - 1/2 (0.443 mi.)*** ***81*** ***565***
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Open - Remediation
Global Id: T0605900160
Facility Id: 86UT176

AMERICAN AIR CENTER 19461 AIRPORT WAY NW 1/4 - 1/2 (0.454 mi.) Q82 570
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0605900159

AMERICAN AIR CENTER ***19461 S AIRPORT WAY*** ***NW 1/4 - 1/2 (0.454 mi.)*** ***Q83*** ***571***
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Global Id: T0605900159
Facility Id: 87UT145

OR CO FIRE STN #27 (***19459 S AIRPORT WAY*** ***NW 1/4 - 1/2 (0.454 mi.)*** ***Q84*** ***574***
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Global Id: T0605900436

ORANGE COUNTY FIRE S ***19459*** ***NW 1/4 - 1/2 (0.477 mi.)*** ***85*** ***577***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0605900436

FLETCHER JONES MOTOR ***1301 QUAIL ST*** ***SSW 1/4 - 1/2 (0.493 mi.)*** ***T86*** ***578***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0605902241
Global ID: T0605902241
Facility Id: 98UT089

ORANGE CNTY FIRE AUT ***19459 CAMPUS DR*** ***W 1/4 - 1/2 (0.498 mi.)*** ***V91*** ***623***
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020

Facility Id: 93UT092

NEWPORT NISSAN	***888 DOVE ST***	***SSW 1/4 - 1/2 (0.498 mi.)***	***T94***	***629***

Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/13/2020
Database: ORANGE CO. LUST, Date of Government Version: 01/02/2020
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0605900238
Global ID: T0605900238
Facility Id: 90UT177

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 4 CPS-SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HYOGO ATRIUM INC.	19100-200 VAN KARMAN	NNE 1/4 - 1/2 (0.283 mi.)	P67	447

Database: SLIC REG 8, Date of Government Version: 04/03/2008
Facility Status: Post-Investigation/Remediation Monitoring

THE ATRIUM	***19100-19200 VON KARM***	***NNE 1/4 - 1/2 (0.283 mi.)***	***P68***	***448***

Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL208483903

XEROX CORPORATION	18691 JAMBOREE ROAD	ENE 1/4 - 1/2 (0.497 mi.)	U89	602

Database: SLIC REG 8, Date of Government Version: 04/03/2008
Facility Status: Post-Investigation/Remediation Monitoring

THE BOARDWALK	***18691 JAMBOREE ROAD***	***ENE 1/4 - 1/2 (0.497 mi.)***	***U90***	***602***

Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Remediation
Global Id: SL208033858

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there are 9 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KOLL CENTER NEWPORT	5000 BIRCH ST	SE 0 - 1/8 (0.024 mi.)	12	28

Database: UST, Date of Government Version: 03/09/2020
Facility Id: 9108

U C I - FLEET SERVIC	19182 JAMBOREE	ESE 1/8 - 1/4 (0.153 mi.)	E35	304

Database: UST, Date of Government Version: 03/09/2020

Facility Id: 7014

Lower Elevation	Address	Direction / Distance	Map ID	Page
RENAISSANCE NEWPORT	***4500 MACARTHUR BLVD***	***NW 0 - 1/8 (0.069 mi.)***	***B14***	***29***
Database: ORANGE CO. UST, Date of Government Version: 01/02/2020 Database: UST, Date of Government Version: 03/09/2020 Facility Id: FA0046306 Facility Id: FA0024734				
KOLL CENTER NEWPORT	4400 MACARTHUR BLVD	W 0 - 1/8 (0.085 mi.)	C19	60
Database: UST, Date of Government Version: 03/09/2020 Facility Id: 6886				
KOLL CENTER NEWPORT	4590 MACARTHUR BLVD	NW 1/8 - 1/4 (0.181 mi.)	H39	332
Database: UST, Date of Government Version: 03/09/2020 Facility Id: 6885				
THE IRVINE COMPANY	4680 MACARTHUR CT	NNW 1/8 - 1/4 (0.198 mi.)	K52	413
Database: ORANGE CO. UST, Date of Government Version: 01/02/2020 Database: UST, Date of Government Version: 03/09/2020 Facility Id: FA0023965 Facility Id: FA0023965				
AMERICAN DATA	2465 CAMPUS DR	NNE 1/8 - 1/4 (0.207 mi.)	L53	414
Database: UST, Date of Government Version: 03/09/2020 Facility Id: 4144				
C N T PARTNERSHIP	2361 CAMPUS DR	N 1/8 - 1/4 (0.236 mi.)	N63	435
Database: UST, Date of Government Version: 03/09/2020 Facility Id: 8587				
SHERATON HOTEL NEWPO	4545 MACARTHUR BLVD	WNW 1/8 - 1/4 (0.246 mi.)	O65	436
Database: UST, Date of Government Version: 03/09/2020 Facility Id: 7057				

ADDITIONAL ENVIRONMENTAL RECORDS

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
AUDIO MAGNETICS CORP	***2602 MICHELSON DR***	***NE 1/2 - 1 (0.755 mi.)***	***W98***	***646***

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

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/21/2020 has revealed that there are 3 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAZZ SEMICONDUCTOR	***4321 JAMBOREE RD MSC***	***SE 0 - 1/8 (0.106 mi.)***	***D22***	***205***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
GLIDEWELL DENTAL CER	***4141 MACARTHUR BLVD***	***SW 1/8 - 1/4 (0.192 mi.)***	***I47***	***366***
OFFICE DEPOT #861	***2747 CAMPUS DRIVE***	***ENE 1/8 - 1/4 (0.197 mi.)***	***J49***	***371***

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U C I	***19182 JAMBOREE RD***	***ESE 1/8 - 1/4 (0.153 mi.)***	***E33***	***297***
Status: A Tank Status: A Comp Number: 7014				
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
MERIDIEN HOTEL	***4500 MAC ARTHUR BLVD***	***NW 0 - 1/8 (0.069 mi.)***	***B13***	***28***
Status: A Tank Status: A Comp Number: 7058				
KOLL CENTER NEWPORT	***4590 MAC ARTHUR***	***NW 1/8 - 1/4 (0.181 mi.)***	***H38***	***331***
Status: A Tank Status: A Comp Number: 6885				
SHERATON HOTEL NEWPO	***4545 MAC ARTHUR BLVD***	***WNW 1/8 - 1/4 (0.246 mi.)***	***O64***	***436***
Status: A Tank Status: A Comp Number: 7057				

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RF NANO CORPORATION Facility Id: 00000042137	***4311 JAMBOREE RD***	***SE 0 - 1/8 (0.106 mi.)***	***D23***	***229***
ROCKWELL INTERNATION	4311 JAMBOREE BLVD	SE 0 - 1/8 (0.106 mi.)	D26	267

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELEMENTS SITE 1 TRAC	***2601 CAMPUS DRIVE***	***NE 1/8 - 1/4 (0.187 mi.)***	***G42***	***336***
HUGHES AIRCRAFT CO Facility Id: 00000015497	***2601 CAMPUS DR***	***NE 1/8 - 1/4 (0.187 mi.)***	***G43***	***348***
OWL COMPANIES (CORPO Facility Id: 00000008503	2465 CAMPUS DR	NNE 1/8 - 1/4 (0.207 mi.)	L54	414
AMERICAN DATA INDUST	***2465 CAMPUS***	***NNE 1/8 - 1/4 (0.207 mi.)***	***L55***	***414***

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U C I Facility Id: 30017570 Status: A	***19182 JAMBOREE RD***	***ESE 1/8 - 1/4 (0.153 mi.)***	***E33***	***297***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MERIDIEN HOTEL Facility Id: 30017573 Status: A	***4500 MAC ARTHUR BLVD***	***NW 0 - 1/8 (0.069 mi.)***	***B13***	***28***
KOLL CENTER NEWPORT Facility Id: 30017563 Status: A	***4590 MAC ARTHUR***	***NW 1/8 - 1/4 (0.181 mi.)***	***H38***	***331***
SHERATON HOTEL NEWPO Facility Id: 30017572 Status: A	***4545 MAC ARTHUR BLVD***	***WNW 1/8 - 1/4 (0.246 mi.)***	***O64***	***436***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 01/21/2020 has revealed that there are 4 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAZZ SEMICONDUCTOR	***4321 JAMBOREE RD MSC***	***SE 0 - 1/8 (0.106 mi.)***	***D22***	***205***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RENAISSANCE NEWPORT	***4500 MACARTHUR BLVD***	***NW 0 - 1/8 (0.069 mi.)***	***B14***	***29***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE REALTY ASSOCIATE	***4400 MACARTHUR BLVD.***	***W 0 - 1/8 (0.085 mi.)***	***C18***	***53***
THE IRVINE COMPANY/M	***4680 MACARTHUR CT ST***	***NNW 1/8 - 1/4 (0.198 mi.)***	***K50***	***377***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 03/02/2020 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE BOARDWALK	***18691 JAMBOREE ROAD***	***ENE 1/4 - 1/2 (0.497 mi.)***	***U90***	***602***
Status: ACTIVE				
Envirostor ID: 80001430				

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 03/23/2020 has revealed that there are 12 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SYNAPTICS	4311 JAMBOREE RD	SE 0 - 1/8 (0.106 mi.)	D24	265
EPA ID:: CAL000441528				
NALCO COMPANY	4321 JAMBOREE ROAD	SE 0 - 1/8 (0.106 mi.)	D25	266
EPA ID:: CAC002997870				
GREEN HANGER CLEANER	4341 MACARTHUR BLVD	WNW 1/8 - 1/4 (0.152 mi.)	F31	294
EPA ID:: CAL000448280				
STAPLES THE OFFICE S	4343 MACARTHUR BLVD	WNW 1/8 - 1/4 (0.154 mi.)	F36	305
EPA ID:: CAL000390740				
MV UNIVERSAL, LLC	4040 MACARTHUR BLVD.	SSW 1/8 - 1/4 (0.208 mi.)	56	418
EPA ID:: CAC003051143				

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAYNIE & COMPANY	4910 CAMPUS DR	NNE 1/8 - 1/4 (0.142 mi.)	27	268
EPA ID:: CAC002992940				
APPLIED CIRCUIT SOLU	***2649 CAMPUS DR***	***ENE 1/8 - 1/4 (0.179 mi.)***	***G37***	***306***
EPA ID:: CAR000012039				
JAMES R GLIDEWELL DE	4141 MACARTHUR BLVD	SW 1/8 - 1/4 (0.192 mi.)	I46	365

EPA ID:: CAL000208048				
OFFICE DEPOT 861 EPA ID:: CAL000420791	2747 CAMPUS DRIVE	ENE 1/8 - 1/4 (0.197 mi.)	J48	370
THE IRVINE COMPANY/M EPA ID:: CAL000305551	4680 MACARTHUR CT ST	NNW 1/8 - 1/4 (0.198 mi.)	K51	412
BECKMAN INSTRUMENTS EPA ID:: CAD078156270	***92800 CAMPUS DR / JA***	***E 1/8 - 1/4 (0.228 mi.)***	***58***	***420***
BANK OF AMERICA EPA ID:: CAC003001170	4101 MACARTHUR BLVD	SW 1/8 - 1/4 (0.236 mi.)	I61	431

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/18/2019 has revealed that there are 5 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RF NANO CORPORATION Cleanup Status: OPEN - REMEDIATION	***4311 JAMBOREE RD***	***SE 0 - 1/8 (0.106 mi.)***	***D23***	***229***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMR COMBS FUEL FARM Cleanup Status: OPEN - REMEDIATION	***19301 CAMPUS DR***	***NW 1/4 - 1/2 (0.425 mi.)***	***R73***	***475***
IRVINE FACILITY Cleanup Status: OPEN - VERIFICATION MONITORING	***19000 JAMBOREE BLVD***	***ENE 1/4 - 1/2 (0.436 mi.)***	***S79***	***525***
MARTIN AVIATION (FUE Cleanup Status: OPEN - REMEDIATION	***19331 S AIRPORT WAY***	***NNW 1/4 - 1/2 (0.443 mi.)***	***81***	***565***
THE BOARDWALK	***18691 JAMBOREE ROAD***	***ENE 1/4 - 1/2 (0.497 mi.)***	***U90***	***602***

DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 5 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EMERALD CLEANERS Database: DRYCLEANERS, Date of Government Version: 12/04/2019 EPA Id: CAR000013268	***4341 MCARTHUR BLVD***	***WNW 1/8 - 1/4 (0.149 mi.)***	***F29***	***269***
GREEN HANGER CLEANER Database: DRYCLEANERS, Date of Government Version: 12/04/2019 EPA Id: CAL000426869	***4341 MACARTHUR BLVD***	***WNW 1/8 - 1/4 (0.152 mi.)***	***F30***	***293***
GREEN HANGER CLEANER Database: DRYCLEANERS, Date of Government Version: 12/04/2019 Database: DRYCLEAN SOUTH COAST, Date of Government Version: 01/31/2020	4341 MACARTHUR BLVD	WNW 1/8 - 1/4 (0.152 mi.)	F32	295

EPA Id: CAL000448280

Lower Elevation	Address	Direction / Distance	Map ID	Page
RENAISSANCE NEWPORT	***4500 MACARTHUR BLVD***	***NW 0 - 1/8 (0.069 mi.)***	***B14***	***29***
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 01/31/2020				
MAC ARTHUR SQUARE CL	1701 CORINTHIAN WAY	W 1/8 - 1/4 (0.235 mi.)	M60	431
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 01/31/2020				

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U C IRVINE MEDICAL C Reg Id: 083001007T	19172	ESE 1/8 - 1/4 (0.148 mi.)	E28	269
U C I Reg Id: 083002742T	***19182 JAMBOREE RD***	***ESE 1/8 - 1/4 (0.153 mi.)***	***E33***	***297***
INTEL CORPORATION Reg Id: 083001619T	***4000 MACARTHUR BLVD***	***SSW 1/4 - 1/2 (0.276 mi.)***	***66***	***437***
PRUDENTIAL (FORMER B Reg Id: 083001354T	***19000 JAMBOREE RD***	***ENE 1/4 - 1/2 (0.426 mi.)***	***S75***	***513***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE REALTY ASSOCIATE Reg Id: 083001618T	***4400 MACARTHUR BLVD.***	***W 0 - 1/8 (0.085 mi.)***	***C18***	***53***
AMERICAN DATA INDUST Reg Id: 083001623T	***2465 CAMPUS***	***NNE 1/8 - 1/4 (0.207 mi.)***	***L55***	***414***
GW GLEANUP-IRVINE, C Reg Id: 8 302540001	CAMPUS & JAMBOREE	E 1/8 - 1/4 (0.222 mi.)	J57	419
VNT PARTNERSHIP Reg Id: 083000439T	***2361 CAMPUS***	***N 1/8 - 1/4 (0.236 mi.)***	***N62***	***432***
BEACON BAY CAR WASH Reg Id: 083001459T	***4200 BIRCH***	***W 1/4 - 1/2 (0.330 mi.)***	***69***	***450***
AVIS RENT-A-CAR Reg Id: 083002802T	4101	WSW 1/4 - 1/2 (0.335 mi.)	70	469
TEXACO Reg Id: 083000403T	***4678 CAMPUS***	***NW 1/4 - 1/2 (0.374 mi.)***	***71***	***469***
TALLMANTZ-COUNTY OF Reg Id: 083000566T Reg Id: 083001699T	***19711 AIRPORT S***	***NW 1/4 - 1/2 (0.418 mi.)***	***Q72***	***473***
AMR COMBS FUEL FARM Reg Id: 083003488T	***19301 CAMPUS DR***	***NW 1/4 - 1/2 (0.425 mi.)***	***R73***	***475***
SIGNATURE FLIGHT SUP	***19301 CAMPUS DR***	***NW 1/4 - 1/2 (0.425 mi.)***	***R74***	***502***

Reg Id: 083000210T				
EDLER INDUSTRIES INC Reg Id: 083001620T	***2101 DOVE ST***	***W 1/4 - 1/2 (0.428 mi.)***	***77***	***515***
ALLERGAN SALES LLC (Reg Id: 083002919T	***2525 DUPONT DR***	***NE 1/4 - 1/2 (0.440 mi.)***	***80***	***543***
ORANGE COUNTY FIRE S Reg Id: 083000547T	***19459***	***NW 1/4 - 1/2 (0.477 mi.)***	***85***	***577***
THE BOARDWALK Reg Id: 8 302521001	***18691 JAMBOREE ROAD***	***ENE 1/4 - 1/2 (0.497 mi.)***	***U90***	***602***
AMERICAN AIR CENTER Reg Id: 083000209T	***19461***	***W 1/4 - 1/2 (0.498 mi.)***	***V92***	***627***
NEWPORT NISSAN Reg Id: 083000302T	***888***	***SSW 1/4 - 1/2 (0.498 mi.)***	***T93***	***628***

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 02/18/2020 has revealed that there are 2 HWP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELEMENTS SITE 1 TRAC EPA Id: CAD096882147 Cleanup Status: CLOSED	***2601 CAMPUS DRIVE***	***NE 1/8 - 1/4 (0.187 mi.)***	***G42***	***336***
MALLINCKRODT MEDICAL EPA Id: CAD058231598 Cleanup Status: CLOSED	***18691 JAMBOREE RD***	***ENE 1/4 - 1/2 (0.497 mi.)***	***U87***	***586***

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

A review of the Notify 65 list, as provided by EDR, and dated 03/12/2020 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOHN WAYNE AIRPORT F	***19801 AIRPORT WAY SO***	***NW 1/4 - 1/2 (0.428 mi.)***	***Q76***	***515***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to

those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

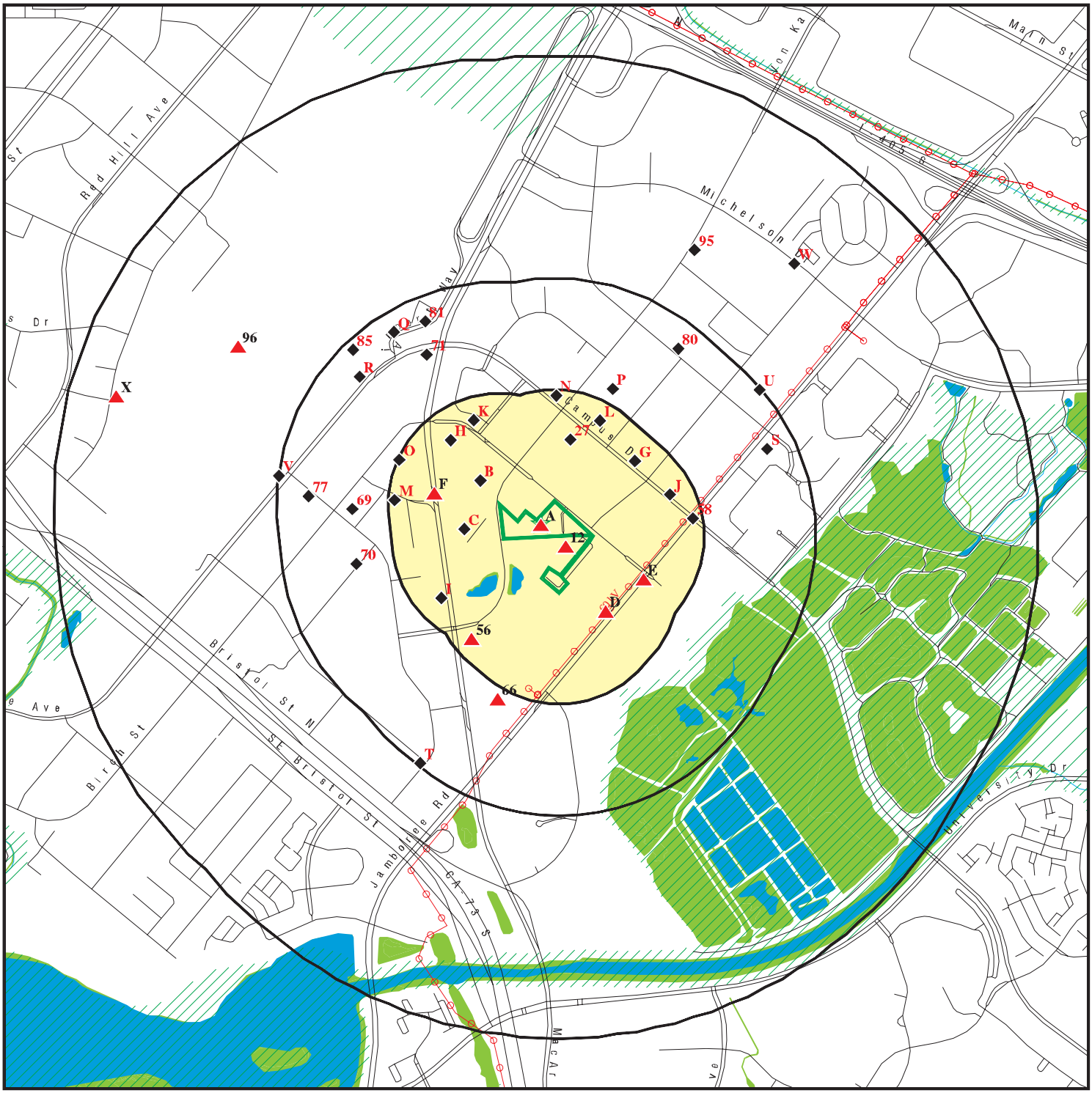
Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC COAST VALET	4500 MACARTHUR BLVD	NW 0 - 1/8 (0.069 mi.)	B15	51
TAJICO ARLINGTON INC	4400 MAC ARTHUR BLVD	W 0 - 1/8 (0.085 mi.)	C17	52

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
SUNNY FRESH CLEANERS	DRYCLEANERS
SAKIOKA FARMS (FORMER MOBIL)	LUST

OVERVIEW MAP - 6075412.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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:	Lots 1, 3 and 5 At Koll Center Newport	CLIENT:	Env. Management Strategies
ADDRESS:	4910 Birch Street Newport Beach CA 92660	CONTACT:	Ashley Flores
LAT/LONG:	33.665862 / 117.860129	INQUIRY #:	6075412.2s
		DATE:	May 28, 2020 7:53 am

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DETAIL MAP - 6075412.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

N

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

SITE NAME:	Lots 1, 3 and 5 At Koll Center Newport	CLIENT:	Env. Management Strategies
ADDRESS:	4910 Birch Street Newport Beach CA 92660	CONTACT:	Ashley Flores
		INQUIRY #:	6075412.2s
LAT/LONG:	33.665862 / 117.860129	DATE:	May 28, 2020 7:54 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	1	1	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	1	1	0	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	1	1	NR	NR	2
Federal RCRA generators list								
RCRA-LQG	0.250		1	1	NR	NR	NR	2
RCRA-SQG	0.250	1	1	4	NR	NR	NR	6
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	1	NR	NR	1
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	1	NR	1
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		1	1	1	6	NR	9
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500	1	3	4	19	NR	NR	27

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	4	NR	NR	4
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	1	3	6	NR	NR	NR	10
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
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	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	1	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		1	2	NR	NR	NR	3
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250	1	1	3	NR	NR	NR	5
HIST UST	0.250		2	4	NR	NR	NR	6
CA FID UST	0.250	1	1	3	NR	NR	NR	5
CERS TANKS	0.250		3	1	NR	NR	NR	4
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
Orange Co. Industrial Site	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	10	NR	NR	NR	12
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	2	0	NR	NR	NR	NR	2
ECHO	0.001	1	0	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		1	0	4	NR	NR	5

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
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		1	4	NR	NR	NR	5
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	2	0	NR	NR	NR	NR	2
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500	1	1	5	14	NR	NR	21
HWP	1.000		0	1	1	0	NR	2
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	1	0	NR	1
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001	1	0	NR	NR	NR	NR	1
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
HWTS	TP	2	NR	NR	NR	NR	NR	2
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001	6	0	NR	NR	NR	NR	6
- Totals --		20	24	52	49	8	0	153

MAP FINDINGS SUMMARY

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **KOLL CENTER NEWPORT (KCN A)** **RGA LUST** **S114640471**
Target **4910 BIRCH STREET** **N/A**
Property **NEWPORT BEACH, CA**

Site 1 of 11 in cluster A

Actual: **52 ft.**

RGA LUST:
Name: KOLL CENTER NEWPORT (KCN A)
Address: 4910 BIRCH STREET
City: NEWPORT BEACH
State: NEWPORT BEACH
1998 KOLL CENTER NEWPORT (KCN A) 4910 BIRCH STREET
Name: KOLL CENTER NEWPORT (KCN A)
Address: 4910 BIRCH STREET
City: NEWPORT BEACH
State: NEWPORT BEACH
1997 KOLL CENTER NEWPORT (KCN A) 4910 BIRCH STREET
Name: KOLL CENTER NEWPORT (KCN A)
Address: 4910 BIRCH STREET
City: NEWPORT BEACH
State: NEWPORT BEACH
1996 KOLL CENTER NEWPORT (KCN A) 4910 BIRCH STREET

A2 **KOLL CENTER NEWPORT -A- PROPERTY** **FINDS** **1023330476**
Target **4910 BIRCH** **N/A**
Property **NEWPORT BEACH, CA 92660**

Site 2 of 11 in cluster A

Actual: **52 ft.**

FINDS:
Registry ID: 110066250657
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066250657

Environmental Interest/Information System:
STATE MASTER

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

A3 **KOLL CENTER NEWPORT -A- PROPERTY** **LUST** **S101589548**
Target **4910 BIRCH** **CA FID UST** **N/A**
Property **NEWPORT BEACH, CA 92660** **HIST CORTESE**
CERS

Site 3 of 11 in cluster A

Actual: **52 ft.**

ORANGE CO. LUST:
Name: KOLL CENTER NEWPORT -A- PROPERTY
Address: 4910 BIRCH ST
City,State,Zip: NEWPORT BEACH, CA 92660
Region: ORANGE
Facility Id: 93UT076
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 03/04/2002
Record ID: RO0002792

LUST REG 8:
Name: KOLL CENTER NEWPORT -A- PROPERTY
Address: 4910 BIRCH

KOLL CENTER NEWPORT -A- PROPERTY (Continued) **S101589548**

City:	NEWPORT BEACH
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083002383T
Local Case Num:	93UT076
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901712
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:	10/26/1993
Enforcement Date:	Not reported
Close Date:	3/4/2002
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:	33.6651853
Longitude:	-117.8576184
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:	TME
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MAR
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

KOLL CENTER NEWPORT -A- PROPERTY (Continued) **S101589548**

LUST:
Name: KOLL CENTER NEWPORT -A- PROPERTY
Address: 4910 BIRCH
City,State,Zip: NEWPORT BEACH, CA 92660
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901712
Global Id: T0605901712
Latitude: 33.66636
Longitude: -117.860353
Status: Completed - Case Closed
Status Date: 03/04/2002
Case Worker: DB
RB Case Number: 083002383T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 93UT076
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605901712
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605901712
Contact Type: Regional Board Caseworker
Contact Name: MIGUEL OVIEDO
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 Main Street, Suite 500
City: RIVERSIDE
Email: miguel.oviedo@waterboards.ca.gov
Phone Number: 9517823238

LUST:
Global Id: T0605901712
Action Type: Other
Date: 10/26/1993
Action: Leak Discovery

Global Id: T0605901712
Action Type: RESPONSE
Date: 04/11/2002
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 12/18/2000
Action: Other Report / Document

Global Id: T0605901712

KOLL CENTER NEWPORT -A- PROPERTY (Continued) **S101589548**

Action Type: RESPONSE
Date: 10/20/2000
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 09/10/2001
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 10/12/2001
Action: Other Report / Document

Global Id: T0605901712
Action Type: RESPONSE
Date: 09/28/2001
Action: Other Report / Document

Global Id: T0605901712
Action Type: RESPONSE
Date: 07/19/2001
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 01/31/1998
Action: Monitoring Report - Semi-Annually

Global Id: T0605901712
Action Type: RESPONSE
Date: 01/31/1998
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0605901712
Action Type: RESPONSE
Date: 02/02/1998
Action: Other Report / Document

Global Id: T0605901712
Action Type: RESPONSE
Date: 10/30/2001
Action: Request for Closure

Global Id: T0605901712
Action Type: RESPONSE
Date: 06/01/1999
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 11/29/2000
Action: Other Report / Document

Global Id: T0605901712
Action Type: RESPONSE
Date: 02/05/2001

KOLL CENTER NEWPORT -A- PROPERTY (Continued) **S101589548**

Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 03/01/2001
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 10/31/2001
Action: Soil and Water Investigation Report

Global Id: T0605901712
Action Type: RESPONSE
Date: 07/16/1999
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 02/20/1998
Action: Other Report / Document

Global Id: T0605901712
Action Type: RESPONSE
Date: 04/20/2000
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 11/29/2000
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 06/15/2001
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 12/13/1999
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 08/01/2001
Action: Soil and Water Investigation Report

Global Id: T0605901712
Action Type: RESPONSE
Date: 12/31/2001
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 08/28/2000
Action: NPDES / WDR Reports

KOLL CENTER NEWPORT -A- PROPERTY (Continued) **S101589548**

Global Id: T0605901712
Action Type: RESPONSE
Date: 10/05/2000
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 04/18/2001
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 07/31/2000
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 05/21/2001
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 01/31/1998
Action: Pilot Study/ Treatability Report

Global Id: T0605901712
Action Type: RESPONSE
Date: 02/11/2000
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 04/03/2000
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 10/25/2001
Action: NPDES / WDR Reports

Global Id: T0605901712
Action Type: RESPONSE
Date: 05/26/1994
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901712
Action Type: REMEDIATION
Date: 12/31/1997
Action: Excavation

Global Id: T0605901712
Action Type: REMEDIATION
Date: 12/31/1997
Action: Other (Use Description Field)

Global Id: T0605901712
Action Type: ENFORCEMENT

KOLL CENTER NEWPORT -A- PROPERTY (Continued) **S101589548**

Date: 12/05/2001
Action: LOP Case Closure Summary to RB

Global Id: T0605901712
Action Type: Other
Date: 10/26/1993
Action: Leak Reported

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 07/03/1998
Action: Staff Letter

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 02/09/1998
Action: Staff Letter

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 05/19/1997
Action: Staff Letter

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 04/10/2000
Action: Site Visit / Inspection / Sampling

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 01/10/2001
Action: Site Visit / Inspection / Sampling

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 06/10/1994
Action: Staff Letter

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 12/13/2000
Action: Staff Letter

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 11/07/1997
Action: Staff Letter

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 07/20/1999
Action: Staff Letter

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 01/25/2002
Action: Closure/No Further Action Letter

KOLL CENTER NEWPORT -A- PROPERTY (Continued) **S101589548**

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 12/20/1994
Action: Staff Letter

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 02/23/1998
Action: Staff Letter

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 11/04/1993
Action: Staff Letter

Global Id: T0605901712
Action Type: ENFORCEMENT
Date: 10/16/2002
Action: Staff Letter

LUST:
Global Id: T0605901712
Status: Open - Case Begin Date
Status Date: 10/26/1993

Global Id: T0605901712
Status: Completed - Case Closed
Status Date: 03/04/2002

CA FID UST:
Facility ID: 30017513
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148330310
Mail To: Not reported
Mailing Address: A CA LIMITED PARTNER
Mailing Address 2: Not reported
Mailing City,St,Zip: NEWPORT BEACH 92660
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
edr_fname: KOLL CENTER NEWPORT (KCN
edr_fadd1: 4910
City,State,Zip: NEWPORT BEACH, CA 92660
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA

KOLL CENTER NEWPORT -A- PROPERTY (Continued) **S101589548**

Reg Id: 083002383T

CERS:
Name: KOLL CENTER NEWPORT -A- PROPERTY
Address: 4910 BIRCH
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 198288
CERS ID: T0605901712
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DENAMARIE BAKER - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E. DYER ROAD, STE. 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336255

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 Main Street, Suite 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517823238

A4 **KOLL CENTER NEWPORT #4** **RGA LUST** **S114640469**
Target **4910 BIRCH STREET** **N/A**
Property **NEWPORT BEACH, CA**

Site 4 of 11 in cluster A

Actual:
52 ft.

RGA LUST:
Name: KOLL CENTER NEWPORT #4
Address: 4910 BIRCH STREET
City: NEWPORT BEACH
State: NEWPORT BEACH
1995 KOLL CENTER NEWPORT #4 4910 BIRCH STREET
Name: KOLL CENTER NEWPORT #4
Address: 4910 BIRCH STREET
City: NEWPORT BEACH
State: NEWPORT BEACH
1994 KOLL CENTER NEWPORT #4 4910 BIRCH STREET

A5 **KOLL CENTER NEWPORT -A- PROPERTY** **RGA LUST** **S114640474**
Target **4910 BIRCH ST** **N/A**
Property **NEWPORT BEACH, CA**

Site 5 of 11 in cluster A

Actual: **52 ft.**

RGA LUST:
Name: KOLL CENTER NEWPORT -A- PROPERTY
Address: 4910 BIRCH ST
City: NEWPORT BEACH
State: NEWPORT BEACH
2003 KOLL CENTER NEWPORT -A- PROPERTY 4910 BIRCH ST

A6 **KOLL CO KCN 4 THE** **RCRA-SQG** **1001122751**
Target **4910 BIRCH ST** **FINDS** **CAR000015842**
Property **NEWPORT BEACH, CA 92660** **ECHO**
HAZNET

Site 6 of 11 in cluster A **HWTS**

Actual: **52 ft.**

RCRA-SQG:
Date form received by agency: 1996-10-24 00:00:00.0
Facility name: KOLL CO KCN 4 THE
Facility address: 4910 BIRCH ST
NEWPORT BEACH, CA 92660
EPA ID: CAR000015842
Mailing address: BIRCH ST STE 1100
NEWPORT BEACH, CA 92660
Contact: DIANNE HENDERSON
Contact address: 5000 BIRCH ST STE 1100
NEWPORT BEACH, CA 92660
Contact country: US
Contact telephone: 714-476-1604
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: KOLL CO THE
Owner/operator address: 4343 VON KARMAN AVE
NEWPORT BEACH, CA 92660
Owner/operator country: Not reported
Owner/operator telephone: 714-476-1625
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

KOLL CO KCN 4 THE (Continued) **1001122751**

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:	1996-10-24 00:00:00.0
Site name:	KOLL CO KCN 4 THE
Classification:	Small Quantity Generator
Violation Status:	No violations found

FINDS:

Registry ID:	110002914561
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002914561

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:	1001122751
Registry ID:	110002914561
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002914561
Name:	KOLL CO KCN 4 THE
Address:	4910 BIRCH ST
City,State,Zip:	NEWPORT BEACH, CA 92660

HAZNET:

Name:	KOLL CO KCN 4 THE
Address:	4910 BIRCH ST
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926600000
Contact:	KOLL CO THE
Telephone:	7144761604
Mailing Name:	Not reported
Mailing Address:	5000 BIRCH ST STE 1100
Year:	1998
Gepaid:	CAR000015842
TSD EPA ID:	CAT080013352
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)

KOLL CO KCN 4 THE (Continued) **1001122751**

Disposal Method:	R01 - Recycler
Tons:	8.757
Year:	1997
Gepaid:	CAR000015842
TSD EPA ID:	CAD050806850
CA Waste Code:	352 - Other organic solids
Disposal Method:	H01 - Transfer Station
Tons:	0.1
Year:	1997
Gepaid:	CAR000015842
TSD EPA ID:	CAT080013352
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	R01 - Recycler
Tons:	34.4025
Year:	1996
Gepaid:	CAR000015842
TSD EPA ID:	CAD050806850
CA Waste Code:	352 - Other organic solids
Disposal Method:	H01 - Transfer Station
Tons:	3.3712
Year:	1996
Gepaid:	CAR000015842
TSD EPA ID:	CAT080013352
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	R01 - Recycler
Tons:	3.753

Additional Info:

Year:	1996
Gen EPA ID:	CAR000015842
Shipment Date:	19961101
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961107
Manifest ID:	96068635
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	3.3712
Waste Quantity:	4
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

KOLL CO KCN 4 THE (Continued) **1001122751**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961026
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961026
Manifest ID:	96065085
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	R01 - Recycler
Quantity Tons:	3.753
Waste Quantity:	900
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAR000015842
Shipment Date:	19970610
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970611
Manifest ID:	96067639
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	R01 - Recycler
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970320
Creation Date:	6/26/1997 0:00:00

KOLL CO KCN 4 THE (Continued) **1001122751**

Receipt Date:	19970320
Manifest ID:	96067951
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	R01 - Recycler
Quantity Tons:	1.8765
Waste Quantity:	450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970314
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970320
Manifest ID:	96067948
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970309
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970309
Manifest ID:	96065087
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352

KOLL CO KCN 4 THE (Continued) **1001122751**

TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	R01 - Recycler
Quantity Tons:	11.259
Waste Quantity:	2700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970309
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970308
Manifest ID:	96065086
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	R01 - Recycler
Quantity Tons:	20.016
Waste Quantity:	4800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAR000015842
Shipment Date:	19980130
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980206
Manifest ID:	96067952
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	R01 - Recycler
Quantity Tons:	8.757

KOLL CO KCN 4 THE (Continued) **1001122751**

Waste Quantity: 2100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: KOLL CO KCN 4 THE
Address: 4910 BIRCH ST
Address 2: Not reported
City,State,Zip: NEWPORT BEACH, CA 926600000
EPA ID: CAR000015842
Inactive Date: 06/30/1998
Create Date: 06/19/1997
Last Act Date: 07/06/2010
Mailing Name: Not reported
Mailing Address: 5000 BIRCH ST STE 1100
Mailing Address 2: Not reported
Mailing City,State,Zip: NEWPORT BEACH, CA 926602138
Owner Name: KOLL CO THE
Owner Address: 4343 VON KARMAN AVE
Owner Address 2: Not reported
Owner City,State,Zip: NEWPORT BEACH, CA 926600000
Contact Name: KOLL CO THE
Contact Address: INACT PER 98VQ FINAL NOTICE
Contact Address 2: - BATCH 4/27
City,State,Zip: NEWPORT BEACH, CA 926600000

A7 **KOLL CENTER NEWPORT (KCN A)** **RGA LUST** **S114640472**
Target **4910** **N/A**
Property **NEWPORT BEACH, CA**

Site 7 of 11 in cluster A

Actual: **52 ft.**

RGA LUST:
Name: KOLL CENTER NEWPORT (KCN A)
Address: 4910
City: NEWPORT BEACH
State: NEWPORT BEACH
2000 KOLL CENTER NEWPORT (KCN A) 4910

A8 **KOLL CO** **HAZNET** **S112864103**
Target **4910 BIRCH STREET** **HWTS** **N/A**
Property **NEWPORT BEACH, CA 92660**

Site 8 of 11 in cluster A

Actual: **52 ft.**

HAZNET:
Name: KOLL CO
Address: 4910 BIRCH STREET
Address 2: Not reported
City,State,Zip: NEWPORT BEACH, CA 926600000
Contact: DIANNE HENDERSON-FAC COORD
Telephone: 7144761604

KOLL CO (Continued) **S112864103**

Mailing Name: Not reported
Mailing Address: 4343 VON KARMEN

Year: 1996
Gepaid: CAC001059864
TSD EPA ID: CAT080013352
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 1.668

Year: 1996
Gepaid: CAC001059864
TSD EPA ID: CAD050806850
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.02

Additional Info:
Year: 1996
Gen EPA ID: CAC001059864

Shipment Date: 19960724
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19960725
Manifest ID: 95593950
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960724
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19960725
Manifest ID: 95593948
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: CAD028272056
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: Not reported

KOLL CO (Continued) **S112864103**

TSDF Alt Name: Not reported
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: D018
Disposal Method: R01 - Recycler
Quantity Tons: 1.668
Waste Quantity: 400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: KOLL CO
Address: 4910 BIRCH STREET
Address 2: Not reported
City,State,Zip: NEWPORT BEACH, CA 926600000
EPA ID: CAC001059864
Inactive Date: 10/25/2000
Create Date: 05/29/1996
Last Act Date: 10/25/2000
Mailing Name: Not reported
Mailing Address: 4343 VON KARMEN
Mailing Address 2: Not reported
Mailing City,State,Zip: NEWPORT BEACH, CA 926600000
Owner Name: KOLL CO
Owner Address: 4343 VON KARMEN
Owner Address 2: Not reported
Owner City,State,Zip: NEWPORT BEACH, CA 926600000
Contact Name: DIANNE HENDERSON-FAC COORD
Contact Address: 4343 VON KARMEN
Contact Address 2: Not reported
City,State,Zip: NEWPORT BEACH, CA 926600000

A9 **KOLL CENTER NEWPORT #4** **UST** **U003940293**
Target **4910 BIRCH ST** **SWEEPS UST** **N/A**
Property **NEWPORT BEACH, CA 92660**

Site 9 of 11 in cluster A

Actual:
52 ft.

UST:
Name: KOLL CENTER NEWPORT #4
Address: 4910 BIRCH ST
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: 5812
Permitting Agency: ORANGE COUNTY
Latitude: 33.667714
Longitude: -117.859008

SWEEPS UST:
Name: KOLL CENTER NEWPORT #4
Address: 4910 BIRCH ST
City: NEWPORT BEACH
Status: Active
Comp Number: 5812
Number: 9

KOLL CENTER NEWPORT #4 (Continued) **U003940293**

Board Of Equalization:	44-016385
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-005812-000001
Tank Status:	A
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

A10 **KOLL CENTER NEWPORT -A- PROPERTY** **RGA LUST** **S114640475**
Target **4910 BIRCH** **N/A**
Property **NEWPORT BEACH, CA**

Site 10 of 11 in cluster A

Actual: **52 ft.**

RGA LUST:

Name:	KOLL CENTER NEWPORT -A- PROPERTY		
Address:	4910 BIRCH		
City:	NEWPORT BEACH		
State:	NEWPORT BEACH		
	2012	KOLL CENTER NEWPORT -A- PROPERTY	4910 BIRCH
Name:	KOLL CENTER NEWPORT -A- PROPERTY		
Address:	4910 BIRCH		
City:	NEWPORT BEACH		
State:	NEWPORT BEACH		
	2011	KOLL CENTER NEWPORT -A- PROPERTY	4910 BIRCH
Name:	KOLL CENTER NEWPORT -A- PROPERTY		
Address:	4910 BIRCH		
City:	NEWPORT BEACH		
State:	NEWPORT BEACH		
	2010	KOLL CENTER NEWPORT -A- PROPERTY	4910 BIRCH
Name:	KOLL CENTER NEWPORT -A- PROPERTY		
Address:	4910 BIRCH		
City:	NEWPORT BEACH		
State:	NEWPORT BEACH		
	2009	KOLL CENTER NEWPORT -A- PROPERTY	4910 BIRCH
Name:	KOLL CENTER NEWPORT -A- PROPERTY		
Address:	4910 BIRCH		
City:	NEWPORT BEACH		
State:	NEWPORT BEACH		
	2008	KOLL CENTER NEWPORT -A- PROPERTY	4910 BIRCH
Name:	KOLL CENTER NEWPORT -A- PROPERTY		
Address:	4910 BIRCH		
City:	NEWPORT BEACH		
State:	NEWPORT BEACH		
	2007	KOLL CENTER NEWPORT -A- PROPERTY	4910 BIRCH
Name:	KOLL CENTER NEWPORT -A- PROPERTY		
Address:	4910 BIRCH		
City:	NEWPORT BEACH		
State:	NEWPORT BEACH		
	2006	KOLL CENTER NEWPORT -A- PROPERTY	4910 BIRCH
Name:	KOLL CENTER NEWPORT -A- PROPERTY		
Address:	4910 BIRCH		

KOLL CENTER NEWPORT -A- PROPERTY (Continued) **S114640475**

City: NEWPORT BEACH
State: NEWPORT BEACH
2005 KOLL CENTER NEWPORT -A- PROPERTY 4910 BIRCH

A11 **KOLL CENTER NEWPORT (KCN A)** **RGA LUST** **S114640470**
Target **4910 BIRCH ST** **N/A**
Property **NEWPORT BEACH, CA**

Site 11 of 11 in cluster A

Actual: **52 ft.**

RGA LUST:
Name: KOLL CENTER NEWPORT (KCN A)
Address: 4910 BIRCH ST
City: NEWPORT BEACH
State: NEWPORT BEACH
2002 KOLL CENTER NEWPORT (KCN A) 4910 BIRCH ST
Name: KOLL CENTER NEWPORT (KCN A)
Address: 4910 BIRCH ST
City: NEWPORT BEACH
State: NEWPORT BEACH
2001 KOLL CENTER NEWPORT (KCN A) 4910 BIRCH ST

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12 **KOLL CENTER NEWPORT #11** **UST** **U003940292**
SE **5000 BIRCH ST** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.024 mi.
128 ft.

Relative: **Higher**

Actual: **55 ft.**

UST:
Name: KOLL CENTER NEWPORT #11
Address: 5000 BIRCH ST
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: 9108
Permitting Agency: ORANGE COUNTY
Latitude: 33.666495
Longitude: -117.8579935

B13 **MERIDIEN HOTEL** **SWEEPS UST** **S101609565**
NW **4500 MAC ARTHUR BLVD** **CA FID UST** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.069 mi.
363 ft. **Site 1 of 4 in cluster B**

Relative: **Lower**

Actual: **49 ft.**

SWEEPS UST:
Name: MERIDIEN HOTEL
Address: 4500 MAC ARTHUR BLVD
City: NEWPORT BEACH
Status: Active
Comp Number: 7058
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

MERIDIEN HOTEL (Continued) **S101609565**

SWRCB Tank Id: 30-000-007058-000001
Tank Status: A
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

CA FID UST:
Facility ID: 30017573
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7144762001
Mail To: Not reported
Mailing Address: 4500 MAC ARTHUR BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: NEWPORT BEACH 92660
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

B14 **RENAISSANCE NEWPORT BEACH HOTEL** **UST** **1003631135**
NW **4500 MACARTHUR BLVD** **CERS TANKS** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660** **DRYCLEANERS**
0.069 mi. **EMI**
363 ft. **Site 2 of 4 in cluster B** **CERS**

Relative:
Lower

Actual:
49 ft.

ORANGE CO. UST:
Name: RENAISSANCE NEWPORT BEACH HOTEL
Address: 4500 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: FA0046306

UST:
Name: THE DUKE HOTEL
Address: 4500 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: FA0024734
Permitting Agency: Orange County Environmental Health
Latitude: 33.66684
Longitude: -117.86421

Name: RENAISSANCE NEWPORT BEACH
Address: 4500 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: FA0024734
Permitting Agency: Orange County Environmental Health
Latitude: 33.66684
Longitude: -117.86421

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Name: THE SUTTON PLACE HOTEL
Address: 4500 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: FA0024734
Permitting Agency: Orange County Environmental Health
Latitude: 33.66684
Longitude: -117.86421

CERS TANKS:
Name: RENAISSANCE NEWPORT BEACH
Address: 4500 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 379023
CERS ID: 10514776
CERS Description: Underground Storage Tank

DRYCLEAN SOUTH COAST:
Name: THE SUTTON PLACE HOTEL
Address: 4500 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: 47089
Application Number: 130827
Permit Number: M44639
Status: S
Representative Name: CHUCK EKSTROM
Representative Telephone: 949 2834381
Permit Status: INACTIVE
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: 04
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East: 419.85501099
UTM North: 3725.6188965

EMI:
Name: HOTEL MERIDIEN NEWPORT BEACH
Address: 4500 MACARTHUR BL
City,State,Zip: NEWPORT BEACH, CA 92660
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 47089
Air District Name: SC
SIC Code: 6513
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: 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

Name: LE MERIDIEN HOTEL, MACARTHUR H

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Address:	4500 MACARTHUR BL
City,State,Zip:	NEWPORT BEACH, CA 92660
Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	7011
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:	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

Name:	LE MERIDIEN HOTEL, MACARTHUR H
Address:	4500 MACARTHUR BL
City,State,Zip:	NEWPORT BEACH, CA 92660
Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	7011
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
Reactive Organic Gases Tons/Yr:	3
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

Name:	THE SUTTON PLACE HOTEL
Address:	4500 MACARTHUR BLVD
City,State,Zip:	NEWPORT BEACH, CA 92660
Year:	1996
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	7011
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:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	THE SUTTON PLACE HOTEL
Address:	4500 MACARTHUR BL
City,State,Zip:	NEWPORT BEACH, CA 92660
Year:	1997
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	7011
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:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE SUTTON PLACE HOTEL
Address:	4500 MACARTHUR BL
City,State,Zip:	NEWPORT BEACH, CA 92660
Year:	1998
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	7011
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:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE SUTTON PLACE HOTEL
Address:	4500 MACARTHUR BL
City,State,Zip:	NEWPORT BEACH, CA 92660
Year:	1999
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	7011
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

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

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

Name:	THE SUTTON PLACE HOTEL
Address:	4500 MACARTHUR BL
City,State,Zip:	NEWPORT BEACH, CA 92660
Year:	2000
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	7011
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:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE SUTTON PLACE HOTEL
Address:	4500 MACARTHUR BL
City,State,Zip:	NEWPORT BEACH, CA 92660
Year:	2001
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	7011
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:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	RENAISSANCE NEWPORT BEACH
Address:	4500 MACARTHUR BLVD
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	379023
CERS ID:	10514776
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	379023
Site Name:	Renaissance Newport Beach
Violation Date:	05-21-2015

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Citation:	HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description:	Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes:	Returned to compliance on 05/25/2017. UST facilities are required to submit the following documentation electronically either through the County's portal (https://www.esubmit.ocgov.com) or the State's portal (http://cers.calepa.ca.gov). Submit the following UST documentation for review: - Business Activities - Business Owner/Operator ID - UST Permit Application/Facility Information - UST Tank Information - UST Monitoring Plan(s) - UST Site Plan - UST Response Plan - UST Certificate of Financial Responsibility - UST Owner/Operator Agreement (if applicable) - Owner Statement of Designated Operator Compliance Submit the required documentation electronically within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	379023
Site Name:	Renaissance Newport Beach
Violation Date:	05-25-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 06/14/2017. HMBEP has not yet been submitted for the 2017 reporting period. Revise and resubmit HMBEP within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	379023
Site Name:	Renaissance Newport Beach
Violation Date:	05-25-2017
Citation:	23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 07/06/2017.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	379023
Site Name:	Renaissance Newport Beach
Violation Date:	07-03-2014
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain and maintain a valid operation permit from the CUPA.
Violation Notes:	Returned to compliance on 10/01/2014. This facility has not met the requirements to obtain an Underground Storage Tank (UST) Permit from this agency and is currently operating a UST without a permit. Once a tank integrity test has been conducted and indicates passing results, a UST permit will be issued to this facility.
Violation Division:	Orange County Environmental Health

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Violation Program: UST
Violation Source: CERS

Site ID: 379023
Site Name: Renaissance Newport Beach
Violation Date: 05-25-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 06/14/2017. The currently uploaded site map only shows the UST plan. Submit a site map with all required labels within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 379023
Site Name: Renaissance Newport Beach
Violation Date: 05-16-2018
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description: Failure to submit a current UST Response Plan available on site.
Violation Notes: Returned to compliance on 09/25/2018. OBSERVATION: A copy of the leak response plan has not been uploaded to CERS. COMPLIANCE: Submit leak response plan to CERS.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 379023
Site Name: Renaissance Newport Beach
Violation Date: 05-25-2017
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes: Returned to compliance on 05/25/2017. Monitor certification testing was due 5/13/17. This violation was corrected during the inspection.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 379023
Site Name: Renaissance Newport Beach
Violation Date: 05-25-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/14/2017. Inventory is missing sodium hypochlorite and liquid carbon dioxide. Submit a revised inventory within 30 days.

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	379023
Site Name:	Renaissance Newport Beach
Violation Date:	05-16-2018
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 07/27/2018. OBSERVATION: Current Certification of Financial Responsibility (CFR) and Letter from CFO have not been uploaded to CERS and is not available on site. COMPLIANCE: Submit curre.nt CFR and Letter from the CFO to CERS and maintain a copy on site.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	379023
Site Name:	Renaissance Newport Beach
Violation Date:	05-21-2015
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to comply with one or more of the following: conduct secondary containment testing, within six months of installation and every 36 months thereafter, conducted in accordance with proper practices, protocols, or test methods.
Violation Notes:	Returned to compliance on 05/21/2015. The last completed UST secondary containment test at this facility was conducted on 3/29/2012. Secondary containment testing must be conducted every 36 months. On this date, the secondary containment test was being conducted, but was to have been completed by 3/29/2015. VIOLATION CORRECTED THIS DATE.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	379023
Site Name:	Renaissance Newport Beach
Violation Date:	05-25-2017
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the CUPA.
Violation Notes:	Returned to compliance on 07/06/2017. The facility has undergone a change of ownership and requires a new permit. Submit updated permitting documents in CERS within 30 days to obtain a new permit.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	379023
Site Name:	Renaissance Newport Beach
Violation Date:	05-16-2018
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

	permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 09/25/2018. OBSERVATION: A copy of the current operating UST permit was not available on site. COMPLIANCE: Maintain a copy of the current operating permit on site at all times. Send copy of permit to this Agency when received.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	379023
Site Name:	Renaissance Newport Beach
Violation Date:	05-25-2017
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	Failure to test the spill bucket annually.
Violation Notes:	Returned to compliance on 05/25/2017. Spill bucket testing was due 5/13/17. This violation was corrected during the inspection.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	379023
Site Name:	Renaissance Newport Beach
Violation Date:	05-21-2015
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes:	Returned to compliance on 11/10/2015. During the course of secondary containment testing, the spill bucket and fill sump did not pass hydrostatic testing. Repair/replace the failed components such that secondary containment components pass testing. Note that a plan review may be required for some types of repairs. Correct this violation by submitting the test report of this test failure and subsequent repair/plan to this agency within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	05-16-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification for 5-25
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-16-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine UST inspection and monitoring system certification and spill bucket testing. Site contact is Heather Moynihan, Engineering Assistant. The facility has (one single-walled tank (2,000-gallon diesel) with suction pipng. The tank is monitored by a

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Veeder Root TLS-350 system. The panel display reads G all functions normal.G Flapper valves are used for overfill prevention in tanks. The sensors in the piping sumps (208G s) all alarmed when submerged in liquid. The spill bucket was tested and passed. Testing was conducted by Javier Soto of Tank Specialists of California. Technician certifications (ICC and Incon) were verified. Dave Simon of Shaincor was also on site for the monitoring certification. Please submit the test reports to this Agency within 30 days. The following documents are available for review: monitoring plan, leak response plan, test reports, maintenance records, DO monthly reports, and DO annual employee training records. Secondary [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-12-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: An on-site inspection was conducted this date to witness the annual monitoring system certification. Javier Soto (Tank Specialists) conducted the monitoring system certification and provided current Veeder-Root and ICC certifications. This facility contains: 1 - Single-walled UST (diesel backup generator) Overfill protection provided by fill-tube shut-off valve (flapper). Monitor is a Veeder-Root and reads all functions normal. Sensors were observed positioned so as to initiate alarms at the earliest point possible. Alarm history and setup tape reviewed while on site. CSLD monthly test results were available and indicate PASSING results The following were tested: - Sensors, initiated alarm when tested in water - Spill buckets using a visual hydrostatic test Documents reviewed onsite: - Permit to operate - Previous Monitoring System Certification conducted on 5/21/15 - Previous Secondary Testing conducted on 8/21/15 - Designated Operator monthly [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Left voicemail in response to warning letter call. Asked Susan and Michael about monitor cert.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for a routine hazardous waste inspection. Consent to inspect and take any necessary photos was given by Ken Sheffield, Chief Engineer. Business ownership information was verified. The current number of employees in engineering is 8. Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed and properly labeled. Manifests were available and reviewed. Employees are reported to be trained. Inspections are reported to be conducted. Emergency response information is posted. A perimeter walk was conducted and the dumpster enclosure was observed. No signs of illegal dumping were noted. No hazardous waste violations were observed on this date.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-12-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Submission declined in CERS. Mark "yes" hazardous material. Reupload emergency plan in the correct section. For all materials, mark no for trade secret and chemical location confidential EPCRA. Change the chemical name for chlorine to sodium hypochlorite. Provide the CAS# 7681-52-9 for chlorine. Under fire code hazard classes for chlorine, select corrosive and oxidizing class 2. Provide the CAS# 68476-34-6 for diesel. Under fire code hazard classes for diesel, select combustible liquid class 2. Remove paints and solvents per onsite inspection. Disclose liquid carbon dioxide per onsite inspection. Be sure to provide a correct CAS# (124-38-9), hazard classes/categories, storage pressure (above ambient), and storage temperature (below ambient). Reupload site map. Currently uploaded document does not display. Ensure that site map contains all required labels that are listed on the site map upload page.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	2017 HMBEP Annual Certification Approval. The following documents were received and ACCEPTED on CERS: Business Activities Business Ownership Information Chemical Inventory Facility Site Map Emergency Plan Violations I463, I169, and I632 were corrected and cleared.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Eval Notes:	On site CERS assistance
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-15-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed DO statement
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-03-2014
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A UST monitoring system certification, leak detector, and spill bucket report was received by this agency. Testing at this facility was conducted on 5/6/2014 and witnessed by this inspector. The report and data show passing results. OUTSTANDING VIOLATION G 7/3/2014 TF08 - As noted on the inspection report dated 5/6/2014, this facility's monitoring plan specifies that this single-walled tank is to be subjected to a tank integrity test annually. Please submit a copy of the most recent tank integrity test report. If one was not conducted within the last year, conduct the test and submit the report to our agency for review within 30 days.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-09-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Discussed past issues with Brian Carroll
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-31-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A UST monitoring system certification and spill bucket report was received by this agency. Testing at this facility was conducted on 5/21/15 and witnessed by this inspector. The report and data show PASSING results with the exception of the spill bucket (see Violation I382 noted on an earlier report).
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2017
Violations Found:	Yes

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Eval Type:	Routine done by local agency
Eval Notes:	On site for routine hazardous materials and business emergency plan inspection. Consent to enter and inspect was given by Ken Sheffield, Chief Engineer. Observed the facility and inspected hazardous materials storage. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure: -Diesel fuel -Liquid carbon dioxide -Sodium hypochlorite Business emergency plan has not yet been submitted for the 2017 reporting period. Inventory and site map require revision. Violations were issued for the HMBEP discrepancies. Annual employee safety training records were maintained. The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-23-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Ken Sheffield having problems accessing E-Submit records. PAW contact info provided to Mr. Sheffield today to resolve the username/password issues.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-02-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Follow-up questions from earlier call.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-09-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	researched past issues to discuss with Brian Carroll.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-10-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received the Monitor Certification testing report for testing conducted on 5/25/2017. Facility has (1) diesel UST. All Sensors and spill bucket was tested. All UST system equipment passed testing.
Eval Division:	Orange County Environmental Health
Eval Program:	UST

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-31-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the secondary containment test report for a test conducted 5/21/15. The test report appears consistent with the OCHCA-approved testing procedure submitted by PCET, Inc. All components passed testing EXCEPT: - Fill Spill Bucket (noted as Violation I382 on an earlier inspection report dated 5/21/15)
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-02-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The following violations are outstanding and must be corrected within 30 days (11/2/15): OUSTANDING VIOLATIONS - 10/2/15 I382 - During the course of secondary containment testing, the spill bucket and fill sump did not pass hydrostatic testing. Repair/replace the failed components such that secondary containment components pass testing. Submit documentation ASAP indicating how you plan to repair/replace these components. (Note that a plan check may be required). Correct this violation by submitting the test report of this test failure and subsequent repair/plan to this agency within 30 days. I582 - UST facilities are required to submit the following documentation electronically either through the County's portal (https://www.esubmit.ocgov.com) or the State's portal (http://cers.calepa.ca.gov). Submit the following UST documentation for review: - Business Activities - Business Owner/Operator ID - UST Permit Application/Facility Information - UST Tank [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-16-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Email to David Hollenbeck re: monthly ATG tests submitted before permit to be issued
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-06-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Review of E-submit status for DO and UST forms
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Eval General Type:	Other/Unknown
Eval Date:	10-01-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Change status to receive a permit, per Brian C.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-22-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	DO owner statement declined in portal. Adalberto Albino has a current designated operator certification but employee Ken Sheffield does not. Please submit a current DO owner statement that accurately reflects the qualified designated operator(s) for this site.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	09-26-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the following documents: - Monitoring system certification dated May 16, 2018 - Spill bucket test report dated May 16, 2018 - UST monitoring site plan Email report to: heather.moynihan@mariott.com and ken.sheffield@mariott.com
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-01-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site, follow-up inspection was conducted this date (10/1/14). The items noted below are in reference to an onsite inspection of your facility conducted on 5/6/14 OUTSTANDING VIOLATIONS G 10/1/14 NONE CORRECTED VIOLATIONS G 10/1/14 TR01 and TF08 - A review of Tank Integrity Testing requirements shows that the facility has met the requirements based on monthly ATG testing conducted.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-29-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	File review for compliance. Copy of permit has been received. Violation I022 is abated.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Eval General Type:	Other/Unknown
Eval Date:	02-13-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This is a follow-up inspection report. This Agency received the secondary containment test report dated May 16, 2018. The following components PASSED testing: *Secondary piping (2) *Piping and Fill sumps (2) *Spill bucket (1) A CERS review was conducted this date. The UST submittal was accepted as the UST Leak Response Plan has been submitted. Violation I673 is abated this date. Email report to: heather.moynihan@mariott.com and ken.sheffield@mariott.com
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Assisted remotely with CERS.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-22-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site follow-up inspection of this underground storage tank facility was conducted today. Our records indicate that a routine inspection of your facility was conducted on 5/21/15. During that inspection a violation(s) was noted, and that violation(s) was expected to have been corrected within thirty (30) days. Correct the noted violations below and submit the requested documentation to our agency ASAP. Failure to correct the violations will result in revocation of the facility's UST Permit to Operate andfurther enforcement that may include fines. OUSTANDING VIOLATION - 6/22/15 I382 - During the course of secondary containment testing, the spill bucket and fill sump did not pass hydrostatic testing. Repair/replace the failed components such that secondary containment components pass testing. Note that a plan review may be required for some types of repairs. Correct this violation by submitting the test report of this test failure and subsequent [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-02-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Assistance with E-Submit issues. Paper versions of forms sent to Ken Sheffield for assistance.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Eval General Type:	Other/Unknown
Eval Date:	07-29-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Review of tank integrity requirements and status of report to be submitted
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-25-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBEP declined in CERS. The following notes were included in the review: Our records show the current ownership information: SUNSTONE MACARTHUR LESSEE INC 903 Calle Amanecer Aliso Viejo, CA 92656 If the ownership name and/or address has changed, please contact this agency directly by emailing Jonathan Alaniz (jalaniz@ochca.com) to confirm the change BEFORE resubmitting. If the owner name and address shown above is correct, please revise the submission with the correct information. Mark "yes" for hazardous waste in the business activities section and provide an EPA ID#. The UST site map is not sufficient for the HMBEP site map since it is missing several labels. Please include a diagram of the building that shows all rooms and label the following: -North orientation -Adjacent streets -Entrances and exits -Loading docks -Hazardous materials -Emergency response equipment (fire extinguishers, spill kits) -Emergency shutoffs (gas, water, [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST submission declined in CERS. The following notes were included in the review: Previous monitor certification indicates a fill tube shut-off valve. Mark G yesG for fill tube shut-off valve under tank construction. Mark G yesG for isolation for corrosion protection. Mark G yesG for spill bucket, striker plate, and containment sump. Mark G noG for continuous electronic tank monitoring. Single wall tanks do not have annular sensors. Mark G yesG for automatic tank gauging and fill out the fields in this section. Mark G noG for monthly statistical inventory reconciliation. The previous monitor certification results show that the pipe monitoring leak sensor model # is 208. Verify and correct this field. Mark G noG for leak alarm triggers automatic pump shutdown and failure/disconnect triggers pump shutdown. These are not valid for a suction system. Remove the information in the UDC monitoring section. This facility does not have dispensers. Mark G noG for ELD [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Eval Date:	05-03-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-17-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Change permit status to Do Not Issue (03) per email from J. Alaniz dated 5/17/17.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-21-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	An on-site inspection was conducted this date to witness the annual monitor certification. The UST secondary containment test was also conducted today. Javier Soto (Tank Specialists) conducted the monitoring certification testing and provided current Veeder-Root and ICC certifications. This facility is a single-walled UST suction system. CSLD testing is conducted monthly. Overfill protection provided by a flapper valve. Monitor is a Veeder-Root and reads all functions normal. Alarm history and setup tape reviewed while on site. The following tested and PASSED: - Sensors initiated alarms when tested in water Documents reviewed onsite: - Permit to operate - Previous Monitoring System Certification conducted on 5/6/14 - Previous Secondary Testing conducted on 3/29/12 (See Violation I506) - Designated Operator monthly inspection reports. - Alarm history - Maintenance receipts, work orders, etc. - Alarm log is up to date and available - Training [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-25-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for a routine UST inspection, monitoring system certification, and spill bucket testing. Inspection was conducted with Ken Sheffield, Chief Engineer. The facility has 1 single-walled diesel tank with

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

suction piping. The UST system is monitored by a VR TLS-350 system. The monitor is operational for audible and visual alarms. Flapper valves are used for overfill protection. Alarm history was reviewed. The sensors in piping sumps (VR 208) were tested and passed when submerged in fluid. Spill bucket testing was completed after inspector departure. Testing was conducted by Javier Soto of Tank Specialists of California. Technician certifications (ICC/VR) were verified. Please submit the test reports to this agency within 30 days. The following documents were available for review: monitoring plan, leak response plan, monitoring system certifications, DO monthly reports, and DO annual employee training records. The previous monitor system certification occurred on [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Submitted NFF
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-09-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Consultation with DO and Midhael O'Donnell re: annual tank integrity test requirements
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-10-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Discussion with David Hollenbeck (Tank Specialists) re: tank integrity test requirements (LG 113) for VD TLS 350
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed CERS - updated CFR and Letter from the CFO have been uploaded. Violation I583 is abated. Violations I022 and I673, cited on May 16, 2018 remain outstanding. Submit required documents as noted on the May 16, 2018 inspection report. These violations must be corrected immediately.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Eval General Type: Other/Unknown
Eval Date: 10-29-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: An onsite visit today was conducted to discuss the open violations for this UST. A meeting with Ken Sheffield, Operations Manager was held. As discussed with the operator, there are two open violations: I382 - During the course of secondary containment testing, the spill bucket and fill sump did not pass hydrostatic testing. Repair/replace the failed components such that secondary containment components pass testing. Note that a plan review may be required for some types of repairs. A further review of the SB989 (dated 5/2015) determined that only the fill bucket failed testing, not the sump. A work order was observed showing the repair or replacement of the fill bucket, but no test report was found. Obtain a test report that indicates the fill bucket meets requirements and submit a copy to this agency for review. I582 - The operator has had problems uploading documentation into E-Submit.so the operator was instructed to setup an account with CERS. Once the [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-10-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: An off-site, follow-up inspection was conducted this date (11/10/15). The items noted below are in reference to an onsite inspection of your facility conducted on 5/21/15. OUTSTANDING VIOLATIONS G 11/10/15 I582 - UST documentation has not been submitted electronically. CORRECTED VIOLATIONS G 11/10/15 I382 - A secondary containment test report (test conducted on 8/31/15) showing the fill bucket PASSED containment testing.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Coordinates:
Site ID: 379023
Facility Name: Renaissance Newport Beach
Env Int Type Code: UST
Program ID: 10514776
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.666840
Longitude: -117.864210

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Renaissance Newport Beach
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Affiliation Zip:	Not reported
Affiliation Phone:	(949) 476-2001
Affiliation Type Desc:	Parent Corporation
Entity Name:	Duke HOTEL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	JW Newport LLC
Entity Title:	Not reported
Affiliation Address:	4500 MacArthur Blvd
Affiliation City:	Newport beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660
Affiliation Phone:	(949) 476-2001
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6000
Affiliation Type Desc:	Identification Signer
Entity Name:	Ken Sheffield
Entity Title:	Chief Engineer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	JW Newport LLC
Entity Title:	Not reported
Affiliation Address:	4500 MACARTHUR BLVD
Affiliation City:	NEWPORT BEACH
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660
Affiliation Phone:	(949) 476-2001
Affiliation Type Desc:	Environmental Contact
Entity Name:	Ken Sheffield
Entity Title:	Not reported
Affiliation Address:	4500 MACARTHUR BLVD

RENAISSANCE NEWPORT BEACH HOTEL (Continued) **1003631135**

Affiliation City:	NEWPORT BEACH
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92660
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	JW Newport LLC
Entity Title:	Not reported
Affiliation Address:	4500 MacArthur Blvd
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660
Affiliation Phone:	(949) 476-2001
Affiliation Type Desc:	Document Preparer
Entity Name:	Ken Sheffield
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	4500 MacArthur BLVD
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92660
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Renaissance Newport Beach
Entity Title:	Not reported
Affiliation Address:	4500 MacArthur Blvd
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660
Affiliation Phone:	(949) 476-2001
Affiliation Type Desc:	UST Tank Owner
Entity Name:	JW Newport LLC
Entity Title:	Not reported
Affiliation Address:	4500 MacArthur Blvd
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660
Affiliation Phone:	(949) 476-2001

B15 **PACIFIC COAST VALET SERVICE** **EDR Hist Cleaner** **1018861301**
NW **4500 MACARTHUR BLVD** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.069 mi.
363 ft. **Site 3 of 4 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
49 ft. 1991 PACIFIC COAST VALET SERVICE Laundry And Drycleaner Agents
1992 PACIFIC COAST VALET SERVICE Laundry And Drycleaner Agents
1993 PACIFIC COAST VALET SERVICE Laundry And Drycleaner Agents

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B16 **HOTEL MERIDIAN** **RCRA-SQG** **1000203656**
NW **4500 MACARTHUR BLVD** **CAD981635188**
< 1/8 **NEWPORT BEACH, CA 92660**
0.069 mi.
363 ft. **Site 4 of 4 in cluster B**

Relative: RCRA-SQG:
Lower
Actual: Date form received by agency: 1996-09-01 00:00:00.0
49 ft. Facility name: HOTEL MERIDIAN
Facility address: 4500 MACARTHUR BLVD
NEWPORT BEACH, CA 92660
EPA ID: CAD981635188
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MERIDIEA
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

HOTEL MERIDIAN (Continued) **1000203656**

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: 1986-12-19 00:00:00.0
Site name: HOTEL MERIDIAN
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 1994-03-09 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

C17 **TAJICO ARLINGTON INC** **EDR Hist Cleaner** **1018452614**
West **4400 MAC ARTHUR BLVD #860** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.085 mi.
448 ft. **Site 1 of 3 in cluster C**

Relative: EDR Hist Cleaner
Lower

Actual: **50 ft.**

Year:	Name:	Type:
1985	TAJICO ARLINGTON INC	Drycleaning Plants, Except Rugs
1986	TAJICO ARLINGTON INC	Drycleaning Plants, Except Rugs
2001	LUX CARPET CARE INC	Carpet And Upholstery Cleaning
2002	LUX CARPET CARE INC	Carpet And Upholstery Cleaning

C18
West
< 1/8
0.085 mi.
448 ft.

Relative: Lower

Actual: 50 ft.

THE REALTY ASSOCIATES FUND VIII, L.P.
4400 MACARTHUR BLVD.
NEWPORT BEACH, CA 92660

Site 2 of 3 in cluster C

Database(s): LUST, CERS TANKS, HAZNET, HIST CORTESE, CERS, HWTS

EDR ID Number: S100617338
EPA ID Number: N/A

ORANGE CO. LUST:

Name:	KOLL CO
Address:	4400 MACARTHUR BLVD
City,State,Zip:	NEWPORT BEACH, CA 92660
Region:	ORANGE
Facility Id:	91UT045
Released Substance:	Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed:	03/04/1993
Record ID:	RO0001979

LUST REG 8:

Name:	KOLL CO
Address:	4400 MACARTHUR
City:	NEWPORT BEACH
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001618T
Local Case Num:	91UT045
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:	T0605901226
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/1/1991
Enforcement Date:	Not reported
Close Date:	3/4/1993
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:	33.6673932

THE REALTY ASSOCIATES FUND VIII, L.P. (Continued) **S100617338**

Longitude:	-117.8641506
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

LUST:

Name:	KOLL CO
Address:	4400 MACARTHUR
City,State,Zip:	NEWPORT BEACH, CA 92660
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901226
Global Id:	T0605901226
Latitude:	33.665716
Longitude:	-117.863107
Status:	Completed - Case Closed
Status Date:	03/04/1993
Case Worker:	DB
RB Case Number:	083001618T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	91UT045
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0605901226
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id:	T0605901226
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

THE REALTY ASSOCIATES FUND VIII, L.P. (Continued) **S100617338**

Phone Number: 9513206375

LUST:
Global Id: T0605901226
Action Type: Other
Date: 04/01/1991
Action: Leak Discovery

Global Id: T0605901226
Action Type: Other
Date: 04/01/1991
Action: Leak Reported

LUST:
Global Id: T0605901226
Status: Open - Case Begin Date
Status Date: 04/01/1991

Global Id: T0605901226
Status: Completed - Case Closed
Status Date: 03/04/1993

CERS TANKS:
Name: REALITY ASSOCIATES FUND, THE VIII LP
Address: 4400 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 415363
CERS ID: 10566397
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: THE REALTY ASSOCIATES FUND VIII, L.P.
Address: 4400 MACARTHUR BLVD.
Address 2: Not reported
City,State,Zip: NEWPORT BEACH, CA 92660
Contact: SONDRA VALENTINE
Telephone: 7145405655
Mailing Name: Not reported
Mailing Address: 201 SANDPOINTE AVE STE 470

Year: 2016
Gepaid: CAC002855033
TSD EPA ID: CAD009007626
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.23

HIST CORTESE:
edr_fname: SANWA BANK BLDG. KCN #9
edr_fadd1: 4400 MACARTHUR
City,State,Zip: NEWPORT, CA 92660
Region: CORTESE

THE REALTY ASSOCIATES FUND VIII, L.P. (Continued) **S100617338**

Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001618T

CERS:
Name: KOLL CO
Address: 4400 MACARTHUR
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 229459
CERS ID: T0605901226
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

Affiliation Type Desc: Local Agency Caseworker
Entity Name: DENAMARIE BAKER - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E. DYER ROAD, STE. 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336255

Name: REALITY ASSOCIATES FUND, THE VIII LP
Address: 4400 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 415363
CERS ID: 10566397
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 415363
Site Name: REALITY ASSOCIATES FUND, THE VIII LP
Violation Date: 08-08-2019
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. The last submittal was on 12/20/16. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA within 30 days. On an ongoing basis, electronically submit and certify the business plan annually on or before the annual due date, March 1st.

THE REALTY ASSOCIATES FUND VIII, L.P. (Continued) **S100617338**

Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 415363
Site Name: REALITY ASSOCIATES FUND, THE VIII LP
Violation Date: 03-18-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Annual Review - Update or Certification
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 415363
Site Name: REALITY ASSOCIATES FUND, THE VIII LP
Violation Date: 08-08-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: OBSERVATION: The business did not provide one or more of the following: initial employee training, annual employee training and/or maintain records of employee training. CORRECTIVE ACTION: Provide all employees with required training that includes: safe handling hazardous materials, emergency response procedures, and proper use of response equipment. Maintain records of training available for 3 years.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-18-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Annual Review - Update or Certification
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-07-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous materials and Hazardous Materials Business Emergency Plan (HMBEP) inspection. Consent to enter and conduct inspection activities was provided by Chad Freeman, Building Engineer. Chad is unsure of the ownership and will verify with his superior. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure as outlined in the Health and Safety Code: - diesel (two tanks, one outside of the

THE REALTY ASSOCIATES FUND VIII, L.P. (Continued) **S100617338**

building and one day tank on roof next to generator) - R-123 (in chiller system) A copy of the inspection report will be mailed or emailed to chad.freeman@abm.com.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 415363
Facility Name: REALITY ASSOCIATES FUND, THE VIII LP
Env Int Type Code: APSA
Program ID: 10566397
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.665720
Longitude: -117.863130

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Sondra Valentine
Entity Title: Not reported
Affiliation Address: 1936 E. Deere St. Suite 205
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Tad Wesoloski
Entity Title: Building Engineer/Single Man Plant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: 4400 MacArthur Property Holding, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Sondra Valentine
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

THE REALTY ASSOCIATES FUND VIII, L.P. (Continued) **S100617338**

Affiliation Phone: (714) 273-5386

Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6000

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 201 SANDPOINT STE 470
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Tad Wesoloski
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: The Realty Associates Fund VII
Entity Title: Not reported
Affiliation Address: 3070 Bristol
Affiliation City: COSTA MESA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92626
Affiliation Phone: (949) 955-9147

HWTS:
Name: THE REALTY ASSOCIATES FUND VIII, L.P.
Address: 4400 MACARTHUR BLVD.
Address 2: Not reported
City,State,Zip: NEWPORT BEACH, CA 92660
EPA ID: CAC002855033
Inactive Date: 06/30/2016
Create Date: 03/30/2016
Last Act Date: 06/30/2016
Mailing Name: Not reported
Mailing Address: 201 SANDPOINTE AVE STE 470
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA ANA, CA 927075742
Owner Name: THE REALTY ASSOCIATES FUND VIII, LP

THE REALTY ASSOCIATES FUND VIII, L.P. (Continued) **S100617338**

Owner Address:	201 SANDPOINTE AVE STE 470
Owner Address 2:	Not reported
Owner City,State,Zip:	SANTA ANA, CA 927075742
Contact Name:	SONDRA VALENTINE
Contact Address:	201 SANDPOINTE AVE STE 470
Contact Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 927075742

NAICS:

EPA ID:	CAC002855033
Create Date:	2016-03-30 16:15:18
NAICS Code:	71131
NAICS Description:	Promoters of Performing Arts, Sports, and Similar Events with Facilities
Issued EPA ID Date:	2016-03-30 16:15:18
Inactive Date:	2016-06-30 03:00:24
Facility Name:	THE REALTY ASSOCIATES FUND VIII, L.P.
Facility Address:	4400 MACARTHUR BLVD.
Facility Address 2:	Not reported
Facility City:	NEWPORT BEACH
Facility County:	30
Facility State:	CA
Facility Zip:	92660

C19 **KOLL CENTER NEWPORT #9** **UST** **U003940295**
West **4400 MACARTHUR BLVD** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.085 mi.
448 ft. **Site 3 of 3 in cluster C**

Relative: **Lower**
Actual: **50 ft.**

UST:

Name:	KOLL CENTER NEWPORT #9
Address:	4400 MACARTHUR BLVD
City,State,Zip:	NEWPORT BEACH, CA 92660
Facility ID:	6886
Permitting Agency:	ORANGE COUNTY
Latitude:	33.66707
Longitude:	-117.861762

D20 **NEWPORT FAB (JAZZ SEMICONDUCTOR** **RCRA-LQG** **1005415593**
SE **4321 JAMBOREE ROAD** **TRIS** **92660NWPRT4321J**
< 1/8 **NEWPORT BEACH, CA 92660** **ICIS**
0.106 mi. **FINDS**
560 ft. **Site 1 of 7 in cluster D** **ECHO**

Relative: **Higher**
Actual: **54 ft.**

RCRA-LQG:

Date form received by agency:	2018-02-27 00:00:00.0
Facility name:	NEWPORT FAB LLC DBA TOWERJAZZ
Facility address:	4321 JAMBOREE RD NEWPORT BEACH, CA 92660
EPA ID:	CAR000113233
Mailing address:	JAMBOREE RD NEWPORT BEACH, CA 92660
Contact:	KEVIN R AUSTIN
Contact address:	JAMBOREE RD NEWPORT BEACH, CA 92660

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Contact country: US
Contact telephone: 949-435-8479
Contact email: KEVIN.AUSTIN@TOWERJAZZ.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: NEWPORTFAB, LLC DBA TOWERJAZZ
Owner/operator address: JAMBOREE RD
NEWPORT BEACH, CA 92660
Owner/operator country: US
Owner/operator telephone: 949-435-8479
Owner/operator email: KEVIN.AUSTIN@TOWERJAZZ.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2008-09-19 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: UPTOWN NEWPORT JAMBOREE, LLC
Owner/operator address: JAMBOREE RD
NEWPORT BEACH, CA 92660
Owner/operator country: US
Owner/operator telephone: 949-231-5068
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: 2014-02-14 00:00:00.
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

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

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: 2016-02-22 00:00:00.0
Site name: TOWERJAZZ
Classification: Large Quantity Generator

Date form received by agency: 2014-03-01 00:00:00.0
Site name: NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR)
Classification: Large Quantity Generator

Date form received by agency: 2012-03-20 00:00:00.0
Site name: NEWPORT FAB LLC, DBA. JAZZ SEMICONDUCTOR
Classification: Large Quantity Generator

Date form received by agency: 2010-09-08 00:00:00.0
Site name: NEWPORT FAB LLC DBA. JAZZ SEMICONDUCTOR
Classification: Large Quantity Generator

Date form received by agency: 2008-01-29 00:00:00.0
Site name: NEWPORT FAB LLC DBA. JAZZ SEMICONDUCTOR
Classification: Large Quantity Generator

Date form received by agency: 2006-02-10 00:00:00.0
Site name: NEWPORT FAB LLC DBA) JAZZ SEMICONDUCTOR
Classification: Large Quantity Generator

Date form received by agency: 2004-02-18 00:00:00.0
Site name: NEWPORT FAB, LLC (DBA)JAZZ SEMICONDUCTOR
Classification: Large Quantity Generator

Date form received by agency: 2002-03-06 00:00:00.0
Site name: NEWPORT FAB L L C
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

. 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: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 135

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

. 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: 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: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 261
. Waste name: Polychlorinated biphenyls and material containing PCB's

. Waste code: 281
. Waste name: Adhesives

. Waste code: 291
. Waste name: Latex waste

. Waste code: 311
. Waste name: Pharmaceutical 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: 551
. Waste name: Laboratory waste chemicals

. Waste code: 725
. Waste name: Liquids with mercury > 20 mg/l

. 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

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

. Waste name: Liquids with pH < 2 with metals

. Waste code: D000
. Waste name: Not Defined

. 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: D005
. Waste name: BARIUM

. 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: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

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: 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, 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: 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: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, 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: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

. Waste code: P003
. Waste name: 2-PROPENAL (OR) ACROLEIN

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P048
. Waste name: 2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-

. Waste code: P082
. Waste name: METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE

. Waste code: P096
. Waste name: HYDROGEN PHOSPHIDE (OR) PHOSPHINE

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P105
. Waste name: SODIUM AZIDE

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U027
. Waste name: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

. Waste code: U030
. Waste name: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U042
. Waste name: 2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U073
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO- (OR) 3,3'-DICHLOROBENZIDINE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U088
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

. Waste code: U101
. Waste name: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U120
. Waste name: FLUORANTHENE

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U128
. Waste name: 1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

. Waste code: U130
. Waste name: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

. Waste code: U209
. Waste name: 1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-

. Waste code: U211
. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

. Waste code: U225
. Waste name: BROMOFORM (OR) METHANE, TRIBROMO-

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 PENSKY-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): 376121

Waste code: D004
Waste name: ARSENIC

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Amount (Lbs): 19300

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): 385171

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2018-09-28 16:25:07.0
Date achieved compliance: 2018-06-08 00:00:00.0
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 - 265.1050
Area of violation: Generators - General
Date violation determined: 2006-05-10 17:35:59.0
Date achieved compliance: 2007-08-28 00:00:00.0
Violation lead agency: EPA
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 2006-05-08 00:00:00.0
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 - 265.1050
Area of violation: Generators - General
Date violation determined: 2006-05-10 17:35:59.0
Date achieved compliance: 2007-08-28 00:00:00.0
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2006-05-03 00:00:00.0
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

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Paid penalty amount: Not reported

Regulation violated: FR - 265.1050
Area of violation: Generators - General
Date violation determined: 2006-05-10 17:35:59.0
Date achieved compliance: 2007-08-28 00:00:00.0
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 2007-08-28 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 26250
Final penalty amount: 26250
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR Subpart BB
Area of violation: Generators - General
Date violation determined: 2005-11-29 13:57:04.0
Date achieved compliance: 2005-11-25 00:00:00.0
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 2007-08-28 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 26250
Final penalty amount: 26250
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2019-05-03 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2018-04-25 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2017-09-29 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2016-04-08 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2015-04-27 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2015-04-22 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 2018-06-08 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2015-04-22 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2015-04-21 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2014-06-03 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2012-06-05 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2011-06-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2010-05-27 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2009-04-08 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2007-09-11 00:00:00.0
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Evaluation date:	2006-06-23 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	Local

Evaluation date:	2006-03-20 00:00:00.0
Evaluation:	SIGNIFICANT NON-COMPLIER
Area of violation:	Generators - General
Date achieved compliance:	2007-08-28 00:00:00.0
Evaluation lead agency:	EPA

Evaluation date:	2005-08-05 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	2005-11-25 00:00:00.0
Evaluation lead agency:	EPA

Evaluation date:	2005-06-22 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee

Evaluation date:	2004-05-03 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee

Facility, Chemical, Releases and Other Waste Management Summary Information:

TRI ID:	92660NWPRT4321J
Form Type:	Form R
Reporting year:	2018
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	DIRECTOR, FACILITIES JERRY KELLEY
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2019-07-01
Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Address:	4321 JAMBOREE ROAD
City,State,Zip:	NEWPORT BEACH, CA 92660
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Mailing street:	4321 JAMBOREE ROAD
Mailing province:	Not reported
Mailing City,State,Zip:	NEWPORT BEACH, CA 92660
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	JERRY KELLEY
Public contact phone and Ext:	9494358193
Public contact email:	JERRY.KELLEY@TOWERJAZZ.COM
Primary sic code:	Not reported
Sic code 2:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	334413
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	33.66197
Longitude:	-117.85845
D and B number A:	110573743
D and B number B:	Not reported
RCRA number A:	CAR000113233
RCRA number B:	Not reported
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported
RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	CAZ209103
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Parent company D and B number:	110573743
Standardized parent company name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Document control number:	1318217519305
TRI ID:	92660NWPRT4321J
Cas number:	007664939
Chemical name:	SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	01
Fugitive air emissions - total release pounds:	0
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Other
Stack air emissions - release pounds:	606
Stack air emissions - release range code:	Not reported
Total stack air emissions:	606
Stack air emissions - basis of estimate:	Other
Total air emissions:	606
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	606
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	732392
Total on-site waste management:	732392
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110015679372
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	007664939

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Document control number:	1318217519305
Chemical name:	SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	Yes
Import the chemical:	No
On-site use of the chemical:	Yes
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Z399 other:	No
Submitted Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Street:	4321 JAMBOREE RD
Submitted City:	NEWPORT BEACH
Submitted County:	ORANGE
Submitted State:	CA
Submitted Zip Code:	92660
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Parent Company DB Number:	110573743
Submitted Standardized Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Primary NAICS Code:	334413
Submitted Industry Code:	334
Submitted Industry Name:	Computers and Electronic Products
Industry Code:	334
Industry Name:	Computers and Electronic Products
Last year the facility reported:	2018
First year the facility reported:	2002
Number of forms submitted:	7
Total number of forms submitted:	74

Detailed Source Reduction Activities and Methods:

Cas number:	007664939
Document control number:	1318217519305
Chemical name:	SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	448
Other on-site releases - current year:	606
Other on-site releases - following year:	606
Other on-site releases - 2nd-following year:	606
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	860352
Quantity treated on site current year:	732392
Quantity treated on site following year:	732392
Quantity treated on site 2nd-following year:	732392
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.05
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007664939
Document control number:	1318217519305
Chemical name:	SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Scrubber
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:	92660NWPRT4321J
Cas number:	007697372
Chemical name:	NITRIC ACID
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	03
Fugitive air emissions - total release pounds:	0
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Other
Stack air emissions - release pounds:	152
Stack air emissions - release range code:	Not reported
Total stack air emissions:	152
Stack air emissions - basis of estimate:	Other
Total air emissions:	152
Discharges to stream a - stream name:	UPPER NEWPORT BAY
Total discharges to stream a:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Discharges to stream a - basis of estimate:	Other
Discharges to stream a - % from stormwater:	100
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	1
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	152
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	23135
Total on-site waste management:	23135
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110015679372
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Off Site - POTW Releases 81D:	0
Chemical Activities and Uses:	
Cas number:	007697372
Document control number:	1318217519281
Chemical name:	NITRIC ACID
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Submitted Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Street:	4321 JAMBOREE RD
Submitted City:	NEWPORT BEACH
Submitted County:	ORANGE
Submitted State:	CA
Submitted Zip Code:	92660
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Parent Company DB Number:	110573743
Submitted Standardized Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Primary NAICS Code:	334413
Submitted Industry Code:	334
Submitted Industry Name:	Computers and Electronic Products
Industry Code:	334
Industry Name:	Computers and Electronic Products
Last year the facility reported:	2018
First year the facility reported:	2002
Number of forms submitted:	7
Total number of forms submitted:	74

Detailed Source Reduction Activities and Methods:

Cas number:	007697372
Document control number:	1318217519281
Chemical name:	NITRIC ACID
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	161
Other on-site releases - current year:	152
Other on-site releases - following year:	152
Other on-site releases - 2nd-following year:	152
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	24496
Quantity treated on site current year:	23135
Quantity treated on site following year:	23135
Quantity treated on site 2nd-following year:	23135
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.05
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007697372
Document control number:	1318217519281
Chemical name:	NITRIC ACID
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Wastewater (aqueous waste)
Stream 1 - trtmt method - sequence 1:	Neutralization
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 2 - trtmt method - sequence 1:	Scrubber

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	NO
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Transfers to Publicly Owned Treatment Works:

Cas number:	007697372
Document control number:	1318217519281
Chemical name:	NITRIC ACID
Classification:	TRI
Unit of measure:	Pounds
POTW name:	OCSD WRP NO. 1
POTW address:	10844 ELLIS AVE
POTW City,State,Zip:	FOUNTAIN VALLEY, CA 92708
POTW county:	ORANGE
Quantity transferred:	Not reported
Basis of estimate:	Not reported
Discharges to water streams:	Not reported
Discharges to water streams - basis of estimate:	Not reported
Discharges to other activities:	Not reported
Discharges to other activities - basis of estimate:	Not reported
Released to air:	Not reported
Released to air - basis of estimate:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Sludge to disposal:	Not reported
Sludge to disposal - basis of estimate:	Not reported
Sludge to incineration - metals:	Not reported
Sludge to incineration - metals - basis of estimate:	Not reported
Sludge to agricultural applications:	Not reported
Sludge to agricultural applications - basis of estimate:	Not reported
Other or unknown disposal:	Not reported
Other or unknown disposal - basis of estimate:	Not reported
Other or unknown treatment:	Not reported
Other or unknown treatment - basis of estimate:	Not reported
Sludge to incineration - nonmetals:	Not reported
Sludge to incineration - nonmetals - basis of estimate:	Not reported
Total treated:	0
POTW Registry ID:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Off Site - POTW Releases:	0
Experimental and Est. Treatment:	Not reported
Experimental and Est. Treatment - Basis of Est.:	Not reported

TRI ID:	92660NWPRT4321J
Cas number:	010028156
Chemical name:	OZONE
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	01
Fugitive air emissions - total release pounds:	0
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Other
Stack air emissions - release pounds:	Not reported
Stack air emissions - release range code:	B
Total stack air emissions:	250
Stack air emissions - basis of estimate:	Other
Total air emissions:	250
Discharges to stream a - stream name:	UPPER NEWPORT BAY
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Other
Discharges to stream a - % from stormwater:	100
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	1
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	250
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	56514
Total on-site waste management:	56514
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110015679372
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	010028156
Document control number:	1318217519293
Chemical name:	OZONE
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	Yes
Import the chemical:	No
On-site use of the chemical:	Yes
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Street:	4321 JAMBOREE RD
Submitted City:	NEWPORT BEACH
Submitted County:	ORANGE
Submitted State:	CA
Submitted Zip Code:	92660
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Parent Company DB Number:	110573743
Submitted Standardized Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Submitted Primary NAICS Code:	334413
Submitted Industry Code:	334
Submitted Industry Name:	Computers and Electronic Products
Industry Code:	334
Industry Name:	Computers and Electronic Products
Last year the facility reported:	2018
First year the facility reported:	2002
Number of forms submitted:	7
Total number of forms submitted:	74

Detailed Source Reduction Activities and Methods:

Cas number:	010028156
Document control number:	1318217519293
Chemical name:	OZONE
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	250
Other on-site releases - current year:	284
Other on-site releases - following year:	284
Other on-site releases - 2nd-following year:	284
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	41755
Quantity treated on site current year:	56514
Quantity treated on site following year:	56514
Quantity treated on site 2nd-following year:	56514
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Prod ratio/activity index:	1.05
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	010028156
Document control number:	1318217519293
Chemical name:	OZONE
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Other Air Emission Treatment
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:	92660NWPRT4321J
Cas number:	007664417
Chemical name:	AMMONIA
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	04
Fugitive air emissions - total release pounds:	0
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Other
Stack air emissions - release pounds:	756
Stack air emissions - release range code:	Not reported
Total stack air emissions:	756
Stack air emissions - basis of estimate:	Other
Total air emissions:	756
Discharges to stream a - stream name:	UPPER NEWPORT BAY
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Other
Discharges to stream a - % from stormwater:	100
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	1
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	756
Off-site - POTW releases:	1784.8
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	1784.8
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	2677.2
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	2677.2
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	2677.2
Total POTW transfer:	4462
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	5165
Total on-site waste management:	5165
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110015679372
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	1784.8

Chemical Activities and Uses:

Cas number:	007664417
Document control number:	1318217519242
Chemical name:	AMMONIA
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	Yes
Import the chemical:	No
On-site use of the chemical:	Yes
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Street:	4321 JAMBOREE RD
Submitted City:	NEWPORT BEACH
Submitted County:	ORANGE
Submitted State:	CA
Submitted Zip Code:	92660
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Submitted Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Parent Company DB Number:	110573743
Submitted Standardized Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Primary NAICS Code:	334413
Submitted Industry Code:	334
Submitted Industry Name:	Computers and Electronic Products
Industry Code:	334
Industry Name:	Computers and Electronic Products
Last year the facility reported:	2018
First year the facility reported:	2002
Number of forms submitted:	7
Total number of forms submitted:	74

Detailed Source Reduction Activities and Methods:

Cas number:	007664417
Document control number:	1318217519242
Chemical name:	AMMONIA
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	748
Other on-site releases - current year:	756
Other on-site releases - following year:	756
Other on-site releases - 2nd-following year:	756
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	1797.2
Other off-site releases - current year:	1784.8
Other off-site releases - following year:	1784.8
Other off-site releases - 2nd-following year:	1784.8
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	4911
Quantity treated on site current year:	5165
Quantity treated on site following year:	5165
Quantity treated on site 2nd-following year:	5165
Quantity treated off site prior year:	2695.8
Quantity treated off site current year:	2677.2

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Quantity treated off site following year:	2677.2
Quantity treated off site 2nd-following year:	2677.2
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.05
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007664417
Document control number:	1318217519242
Chemical name:	AMMONIA
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Neutralization
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 2 - trtmt method - sequence 1:	Scrubber
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	NO
Stream 3 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 3 - trtmt method - sequence 1:	Scrubber
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	NO
Stream 4 - waste stream code:	Wastewater (aqueous waste)
Stream 4 - trtmt method - sequence 1:	Neutralization
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	NO
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Transfers to Publicly Owned Treatment Works:

Cas number:	007664417
Document control number:	1318217519242
Chemical name:	AMMONIA
Classification:	TRI
Unit of measure:	Pounds
POTW name:	OCSD WRP NO. 1
POTW address:	10844 ELLIS AVE
POTW City,State,Zip:	FOUNTAIN VALLEY, CA 92708
POTW county:	ORANGE
Quantity transferred:	Not reported
Basis of estimate:	Not reported
Discharges to water streams:	Not reported
Discharges to water streams - basis of estimate:	Not reported
Discharges to other activities:	Not reported
Discharges to other activities - basis of estimate:	Not reported
Released to air:	Not reported
Released to air - basis of estimate:	Not reported
Sludge to disposal:	Not reported
Sludge to disposal - basis of estimate:	Not reported
Sludge to incineration - metals:	Not reported
Sludge to incineration - metals - basis of estimate:	Not reported
Sludge to agricultural applications:	Not reported
Sludge to agricultural applications - basis of estimate:	Not reported
Other or unknown disposal:	Not reported
Other or unknown disposal - basis of estimate:	Not reported
Other or unknown treatment:	Not reported
Other or unknown treatment - basis of estimate:	Not reported
Sludge to incineration - nonmetals:	Not reported
Sludge to incineration - nonmetals - basis of estimate:	Not reported
Total treated:	2677.2

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

POTW Registry ID:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	1784.8
Off Site - POTW Releases:	1784.8
Experimental and Est. Treatment:	Not reported
Experimental and Est. Treatment - Basis of Est.:	Not reported

TRI ID:	92660NWPRT4321J
Cas number:	007647010
Chemical name:	HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	03
Fugitive air emissions - total release pounds:	0
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Other
Stack air emissions - release pounds:	1775
Stack air emissions - release range code:	Not reported
Total stack air emissions:	1775
Stack air emissions - basis of estimate:	Other
Total air emissions:	1775
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	1775
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	46538
Total on-site waste management:	46538
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110015679372
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	007647010
Document control number:	1318217519255
Chemical name:	HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	Yes
Import the chemical:	No
On-site use of the chemical:	Yes
Sale or distribution of the chemical:	No
As a byproduct:	Yes
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Street:	4321 JAMBOREE RD
Submitted City:	NEWPORT BEACH
Submitted County:	ORANGE
Submitted State:	CA
Submitted Zip Code:	92660
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Parent Company DB Number:	110573743
Submitted Standardized Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Primary NAICS Code:	334413
Submitted Industry Code:	334
Submitted Industry Name:	Computers and Electronic Products
Industry Code:	334
Industry Name:	Computers and Electronic Products
Last year the facility reported:	2018
First year the facility reported:	2002
Number of forms submitted:	7
Total number of forms submitted:	74

Detailed Source Reduction Activities and Methods:

Cas number:	007647010
Document control number:	1318217519255

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Chemical name:	HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	1723
Other on-site releases - current year:	1775
Other on-site releases - following year:	1775
Other on-site releases - 2nd-following year:	1775
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	41061
Quantity treated on site current year:	46538
Quantity treated on site following year:	46538
Quantity treated on site 2nd-following year:	46538
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.05
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007647010
Document control number:	1318217519255
Chemical name:	HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Scrubber
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 2 - trtmt method - sequence 1:	Scrubber
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	NO
Stream 3 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 3 - trtmt method - sequence 1:	Scrubber
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	NO
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:	92660NWPRT4321J
Cas number:	007664393
Chemical name:	HYDROGEN FLUORIDE
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	03
Fugitive air emissions - total release pounds:	0
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Other
Stack air emissions - release pounds:	1685
Stack air emissions - release range code:	Not reported
Total stack air emissions:	1685
Stack air emissions - basis of estimate:	Other
Total air emissions:	1685
Discharges to stream a - stream name:	UPPER NEWPORT BAY
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Other
Discharges to stream a - % from stormwater:	100
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Total number of receiving streams:	1
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	1685
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	90
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	90
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	90
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	95644
Total on-site waste management:	95644
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110015679372
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	007664393
Document control number:	1318217519267
Chemical name:	HYDROGEN FLUORIDE
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	Yes
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	Yes
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Street:	4321 JAMBOREE RD
Submitted City:	NEWPORT BEACH
Submitted County:	ORANGE
Submitted State:	CA
Submitted Zip Code:	92660
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Parent Company DB Number:	110573743
Submitted Standardized Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Primary NAICS Code:	334413
Submitted Industry Code:	334
Submitted Industry Name:	Computers and Electronic Products
Industry Code:	334
Industry Name:	Computers and Electronic Products
Last year the facility reported:	2018
First year the facility reported:	2002
Number of forms submitted:	7
Total number of forms submitted:	74

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Detailed Source Reduction Activities and Methods:

Cas number:	007664393
Document control number:	1318217519267
Chemical name:	HYDROGEN FLUORIDE
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	1585
Other on-site releases - current year:	1685
Other on-site releases - following year:	1685
Other on-site releases - 2nd-following year:	1685
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	87667
Quantity treated on site current year:	95644
Quantity treated on site following year:	95644
Quantity treated on site 2nd-following year:	95644
Quantity treated off site prior year:	123
Quantity treated off site current year:	90
Quantity treated off site following year:	90
Quantity treated off site 2nd-following year:	90
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.05
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007664393
Document control number:	1318217519267
Chemical name:	HYDROGEN FLUORIDE
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Wastewater (aqueous waste)
Stream 1 - trtmt method - sequence 1:	Neutralization
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 2 - trtmt method - sequence 1:	Scrubber
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	NO
Stream 3 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 3 - trtmt method - sequence 1:	Scrubber
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	NO
Stream 4 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 4 - trtmt method - sequence 1:	Scrubber
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	NO
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	007664393
Document control number:	1318217519267
Chemical name:	HYDROGEN FLUORIDE
Classification:	TRI
Offsite RCRA id nr:	NVT330010000
Offsite transfer sequence number:	2
Offsite name:	US ECOLOGY NEVADA INC.
Offsite street address:	HIGHWAY 95
Offsite City,State,Zip:	BEATTY, NV 89003
Offsite county:	NYE
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Offsite solid/stab treatment m40 non-metal LBS:	90
Offsite solid/stab treatment m40 non-metal BOE:	Other
Total amount transferred offsite for treatment:	90
FRS ID - Transfer Location:	Not reported

Details of Transfers to Publicly Owned Treatment Works:

Cas number:	007664393
Document control number:	1318217519267
Chemical name:	HYDROGEN FLUORIDE
Classification:	TRI
Unit of measure:	Pounds
POTW name:	OCSD WRP NO. 1
POTW address:	10844 ELLIS AVE
POTW City,State,Zip:	FOUNTAIN VALLEY, CA 92708
POTW county:	ORANGE
Quantity transferred:	Not reported
Basis of estimate:	Not reported
Discharges to water streams:	Not reported
Discharges to water streams - basis of estimate:	Not reported
Discharges to other activities:	Not reported
Discharges to other activities - basis of estimate:	Not reported
Released to air:	Not reported
Released to air - basis of estimate:	Not reported
Sludge to disposal:	Not reported
Sludge to disposal - basis of estimate:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Sludge to incineration - metals:	Not reported
Sludge to incineration - metals - basis of estimate:	Not reported
Sludge to agricultural applications:	Not reported
Sludge to agricultural applications - basis of estimate:	Not reported
Other or unknown disposal:	Not reported
Other or unknown disposal - basis of estimate:	Not reported
Other or unknown treatment:	Not reported
Other or unknown treatment - basis of estimate:	Not reported
Sludge to incineration - nonmetals:	Not reported
Sludge to incineration - nonmetals - basis of estimate:	Not reported
Total treated:	0
POTW Registry ID:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Off Site - POTW Releases:	0
Experimental and Est. Treatment:	Not reported
Experimental and Est. Treatment - Basis of Est.:	Not reported

TRI ID:	92660NWPRT4321J
Cas number:	N511
Chemical name:	NITRATE COMPOUNDS
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	01
Fugitive air emissions - total release pounds:	NA
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	NA
Stack air emissions - release range code:	Not reported
Total stack air emissions:	0
Stack air emissions - basis of estimate:	Not reported
Total air emissions:	0
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	0
Off-site - POTW releases:	32319
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	32319
Off-site - recycling - solvents/organics recovery:	0

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	32319
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110015679372
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	32319

Chemical Activities and Uses:

Cas number:	N511
Document control number:	1318217519279
Chemical name:	NITRATE COMPOUNDS
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	Yes
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	Yes
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Street:	4321 JAMBOREE RD
Submitted City:	NEWPORT BEACH
Submitted County:	ORANGE
Submitted State:	CA
Submitted Zip Code:	92660
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Parent Company DB Number:	110573743
Submitted Standardized Parent Company Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Submitted Primary NAICS Code:	334413
Submitted Industry Code:	334

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Submitted Industry Name:	Computers and Electronic Products
Industry Code:	334
Industry Name:	Computers and Electronic Products
Last year the facility reported:	2018
First year the facility reported:	2002
Number of forms submitted:	7
Total number of forms submitted:	74

Detailed Source Reduction Activities and Methods:

Cas number:	N511
Document control number:	1318217519279
Chemical name:	NITRATE COMPOUNDS
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	0
Other on-site releases - current year:	0
Other on-site releases - following year:	0
Other on-site releases - 2nd-following year:	0
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	31999
Other off-site releases - current year:	32319
Other off-site releases - following year:	32319
Other off-site releases - 2nd-following year:	32319
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.05
Prod ratio or activity:	PRODUCTION

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	N511
Document control number:	1318217519279
Chemical name:	NITRATE COMPOUNDS
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Transfers to Publicly Owned Treatment Works:

Cas number:	N511
Document control number:	1318217519279
Chemical name:	NITRATE COMPOUNDS
Classification:	TRI
Unit of measure:	Pounds
POTW name:	OCSD WRP NO. 1
POTW address:	10844 ELLIS AVE
POTW City,State,Zip:	FOUNTAIN VALLEY, CA 92708
POTW county:	ORANGE
Quantity transferred:	Not reported
Basis of estimate:	Not reported
Discharges to water streams:	Not reported
Discharges to water streams - basis of estimate:	Not reported
Discharges to other activities:	Not reported
Discharges to other activities - basis of estimate:	Not reported
Released to air:	Not reported
Released to air - basis of estimate:	Not reported
Sludge to disposal:	Not reported
Sludge to disposal - basis of estimate:	Not reported
Sludge to incineration - metals:	Not reported
Sludge to incineration - metals - basis of estimate:	Not reported
Sludge to agricultural applications:	Not reported
Sludge to agricultural applications - basis of estimate:	Not reported
Other or unknown disposal:	Not reported
Other or unknown disposal - basis of estimate:	Not reported
Other or unknown treatment:	Not reported
Other or unknown treatment - basis of estimate:	Not reported
Sludge to incineration - nonmetals:	Not reported
Sludge to incineration - nonmetals - basis of estimate:	Not reported
Total treated:	0
POTW Registry ID:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	32319
Off Site - POTW Releases:	32319
Experimental and Est. Treatment:	Not reported

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

Experimental and Est. Treatment - Basis of Est.: Not reported

ICIS:

Enforcement Action ID:	09-2007-0188
FRS ID:	110015679372
Action Name:	Jazz Semiconductors
Facility Name:	NEWPORT FAB (JAZZ SEMICONDUCTOR
Facility Address:	4321 JAMBOREE ROAD NEWPORT BEACH, CA 92660
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:	3674
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	33.660295
Longitude in Decimal Degrees:	-117.860118
Permit Type Desc:	Not reported
Program System Acronym:	600036296
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Address:	4321 JAMBOREE RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3674

Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Address:	4321 JAMBOREE RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3674

Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Address:	4321 JAMBOREE RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3674

Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Address:	4321 JAMBOREE RD.
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3674

Facility Name:	NEWPORT FAB LLC (DBA TOWERJAZZ)
Address:	4321 JAMBOREE RD.
Tribal Indicator:	N
Fed Facility:	No

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

NAIC Code: Not reported
SIC Code: 3674

Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

FINDS:
Registry ID: 110015679372
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110015679372

Environmental Interest/Information System:
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 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,

NEWPORT FAB (JAZZ SEMICONDUCTOR (Continued) **1005415593**

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
GREENHOUSE GAS 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 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:	1005415593
Registry ID:	110015679372
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015679372
Name:	NEWPORT FAB LLC DBA TOWERJAZZ
Address:	4321 JAMBOREE RD.
City,State,Zip:	NEWPORT BEACH, CA 92660

D21 **CONEXANT SYSTEMS INC** **LUST** **S112999408**
SE **4311 JAMBOREE RD** **HAZNET** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660** **HWTS**
0.106 mi.
560 ft. **Site 2 of 7 in cluster D**

Relative: Higher
Actual: 54 ft.

ORANGE CO. LUST:

Name:	ROCKWELL INTERNATIONAL
Address:	4311 JAMBOREE RD
City,State,Zip:	NEWPORT BEACH, CA 92660
Region:	ORANGE
Facility Id:	85UT105
Released Substance:	Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed:	11/07/1985
Record ID:	RO0000770

Name:	ROCKWELL INTERNATIONAL CORP
Address:	4311 JAMBOREE RD
City,State,Zip:	NEWPORT BEACH, CA 92660
Region:	ORANGE
Facility Id:	84UT001
Released Substance:	Xylene; Isopropyl alcohol Acetone, etc.; Trichloroethane; Methylene chloride; TCE
Date Closed:	06/01/1991
Record ID:	RO0001502

CONEXANT SYSTEMS INC (Continued) **S112999408**

Name: ROCKWELL INTERNATIONAL CORP
Address: 4311 JAMBOREE RD
City,State,Zip: NEWPORT BEACH, CA 92658-8902
Region: ORANGE
Facility Id: 84UT001
Released Substance: TRICHLOROETHANE; TRICHLOROETHYLENE; ALCOHOL; METHYLENE CHLORIDE; XYLENE
Date Closed: Not reported
Record ID: RO0000064

HAZNET:

Name: CONEXANT SYSTEMS INC
Address: 4311 JAMBOREE RD
Address 2: Not reported
City,State,Zip: NEWPORT BEACH, CA 926603007
Contact: TOM KRAWCZYK
Telephone: 9494834798
Mailing Name: Not reported
Mailing Address: 1901 MAIN ST

Year: 2017
Gepaid: CAD008371437
TSD EPA ID: CAT080013352
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.924

Year: 2015
Gepaid: CAD008371437
TSD EPA ID: AZD982441263
CA Waste Code: 351 - Organic solids with halogens
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 3.5

Year: 2014
Gepaid: CAD008371437
TSD EPA ID: AZD982441263
CA Waste Code: 351 - Organic solids with halogens
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 7

Year: 2013
Gepaid: CAD008371437
TSD EPA ID: AZD982441263
CA Waste Code: 351 - Organic solids with halogens
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 3.5

Year: 2013
Gepaid: CAD008371437
TSD EPA ID: NVT330010000
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid

CONEXANT SYSTEMS INC (Continued) **S112999408**

Regeneration, Organics Recovery Ect
Tons: 0.0125

Year: 2013
Gepaid: CAD008371437
TSD EPA ID: 02-IV-99-10
CA Waste Code: 352 - Other organic solids
Disposal Method: H020 - Solvents Recovery
Tons: 0.0125

Year: 2013
Gepaid: CAD008371437
TSD EPA ID: 02-IV-99-10
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H020 - Solvents Recovery
Tons: 0.35

Year: 2013
Gepaid: CAD008371437
TSD EPA ID: CAD008252405
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0075

Year: 2012
Gepaid: CAD008371437
TSD EPA ID: AZD982441263
CA Waste Code: 351 - Organic solids with halogens
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 7

Year: 2012
Gepaid: CAD008371437
TSD EPA ID: 02-IV-99-10
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.03

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

Additional Info:
Year: 2008
Gen EPA ID: CAD008371437

Shipment Date: 20081231
Creation Date: 2/20/2009 18:30:20
Receipt Date: 20090107
Manifest ID: 000099339VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081230
Creation Date:	4/29/2009 18:30:08
Receipt Date:	20090108
Manifest ID:	005214535JJK
Trans EPA ID:	INR000022798
Trans Name:	SIEMENS WATER TECH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS - WESTATES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H129 - Other Treatment
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081224
Creation Date:	2/4/2009 18:30:27
Receipt Date:	20081224
Manifest ID:	000099336VES
Trans EPA ID:	CAR000053405
Trans Name:	ISLAND ENVIRONMENTAL SVC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	16.8

CONEXANT SYSTEMS INC (Continued) **S112999408**

Waste Quantity:	4000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081111
Creation Date:	12/11/2008 18:30:37
Receipt Date:	20081111
Manifest ID:	000099337VES
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	18.9
Waste Quantity:	4500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081105
Creation Date:	3/30/2009 18:30:08
Receipt Date:	20081113
Manifest ID:	005214514JJK
Trans EPA ID:	INR000022798
Trans Name:	SIEMENS WATER TECH
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS-WASTATES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H129 - Other Treatment
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Shipment Date:	20080912
Creation Date:	11/14/2008 18:30:18
Receipt Date:	20080919
Manifest ID:	000099345VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080912
Creation Date:	11/14/2008 18:30:18
Receipt Date:	20080919
Manifest ID:	000099345VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080912
Creation Date:	11/14/2008 18:30:18
Receipt Date:	20080919
Manifest ID:	000099345VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080815
Creation Date:	12/16/2008 18:30:20
Receipt Date:	20080821
Manifest ID:	005214600JJK
Trans EPA ID:	INR000022798
Trans Name:	SIEMENS WT TRANSPORT
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS WT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H129 - Other Treatment
Quantity Tons:	5
Waste Quantity:	10000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080815
Creation Date:	12/16/2008 18:30:20
Receipt Date:	20080821
Manifest ID:	005214464JJK
Trans EPA ID:	INR000022798
Trans Name:	SIEMENS WT TRANSPORT
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS WT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H129 - Other Treatment

CONEXANT SYSTEMS INC (Continued) **S112999408**

Quantity Tons:	2
Waste Quantity:	4000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD008371437
Shipment Date:	20091028
Creation Date:	10/8/2010 18:31:03
Receipt Date:	20091104
Manifest ID:	000199360VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091028
Creation Date:	10/8/2010 18:31:03
Receipt Date:	20091104
Manifest ID:	000199360VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091001
Creation Date:	3/11/2010 18:30:17
Receipt Date:	20091006
Manifest ID:	005214510JJK
Trans EPA ID:	PAD981739188
Trans Name:	SIEMENS W T
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE ENVIRONMENTAL
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H129 - Other Treatment
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090826
Creation Date:	3/5/2010 18:30:38
Receipt Date:	20090901
Manifest ID:	005214560JJK
Trans EPA ID:	PAD981739188
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE ENVIRONMENTAL
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H129 - Other Treatment
Quantity Tons:	3.75
Waste Quantity:	7500
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090710
Creation Date:	11/3/2009 18:30:20
Receipt Date:	20090716
Manifest ID:	005214578JJK

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans EPA ID:	PAD981739188
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H129 - Other Treatment
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090701
Creation Date:	10/29/2009 18:30:26
Receipt Date:	20090707
Manifest ID:	005214576JJK
Trans EPA ID:	INR000022798
Trans Name:	SIEMENS WT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS - WESTATES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H129 - Other Treatment
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090630
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090630
Manifest ID:	000102802VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.

CONEXANT SYSTEMS INC (Continued) **S112999408**

RCRA Code:	F003
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090630
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000102802VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090630
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090630
Manifest ID:	000102802VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090630
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090630
Manifest ID:	000102802VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD008371437
Shipment Date:	20141125
Creation Date:	4/9/2015 22:15:05
Receipt Date:	20141202
Manifest ID:	010511796JJK
Trans EPA ID:	MIK103800723
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE
TSDF EPA ID:	AZD982441263
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D039
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Shipment Date:	20140722
Creation Date:	1/26/2015 22:15:30
Receipt Date:	20140729
Manifest ID:	010511731JJK
Trans EPA ID:	MIK103800723
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE ENVIRONMENTAL
TSDF EPA ID:	AZD982441263
Trans Name:	EVOQUA WT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD008371437
Shipment Date:	19981229
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19981230
Manifest ID:	98596251
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D004
Disposal Method:	R01 - Recycler
Quantity Tons:	0.087
Waste Quantity:	174
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981229
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	98596248

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.36
Waste Quantity:	720
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981229
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	98596248
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.36
Waste Quantity:	720
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981229
Creation Date:	4/20/1999 0:00:00
Receipt Date:	19990107
Manifest ID:	98596248
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	725 - Liquids with mercury > 20 mg/l

CONEXANT SYSTEMS INC (Continued) **S112999408**

RCRA Code:	D009
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.062
Waste Quantity:	124
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981229
Creation Date:	4/20/1999 0:00:00
Receipt Date:	19990107
Manifest ID:	98596248
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D008
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0725
Waste Quantity:	145
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981229
Creation Date:	4/20/1999 0:00:00
Receipt Date:	19990107
Manifest ID:	98596248
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.245
Waste Quantity:	490
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 5:	Not reported
Shipment Date:	19981229
Creation Date:	4/20/1999 0:00:00
Receipt Date:	19990107
Manifest ID:	98596248
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.105
Waste Quantity:	210
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981229
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	98596248
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.36
Waste Quantity:	720
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981229
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19981230
Manifest ID:	98596251
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	F003
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2895
Waste Quantity:	579
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981229
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19981230
Manifest ID:	98596251
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2325
Waste Quantity:	465
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD008371437

Shipment Date:	20001227
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	20054252
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001227
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010102
Manifest ID:	20054251
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	F003
Disposal Method:	D99 - Disposal, Other
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001227
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	20054253
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001226
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	20054255
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001226
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	20054256
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001219
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20010102
Manifest ID:	20045694
Trans EPA ID:	NJD080631369
Trans Name:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001219
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010104
Manifest ID:	20045695
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001219
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010104
Manifest ID:	20045695
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station

CONEXANT SYSTEMS INC (Continued) **S112999408**

Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001219
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010104
Manifest ID:	20045695
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001219
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010104
Manifest ID:	20045695
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Info:

Year:	2015
Gen EPA ID:	CAD008371437
Shipment Date:	20150825
Creation Date:	2/10/2016 22:15:22
Receipt Date:	20150901
Manifest ID:	010511667JJK
Trans EPA ID:	MIK103800723
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE
TSDF EPA ID:	AZD982441263
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D039
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD008371437
Shipment Date:	20110908
Creation Date:	2/11/2012 20:30:14
Receipt Date:	20110913
Manifest ID:	006608839JJK
Trans EPA ID:	ILD982612798
Trans Name:	SIEMENS INDUSTRY INC
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE ENVIRONMENTAL
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 5:	Not reported
Shipment Date:	20110208
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110210
Manifest ID:	007730785JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110208
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110210
Manifest ID:	007730785JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110105
Creation Date:	5/19/2011 18:30:24
Receipt Date:	20110111
Manifest ID:	006608647JJK
Trans EPA ID:	PAD981739188

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans Name: SIEMENS WATER TECHNOLOGIES
Trans 2 EPA ID: CAD983608258
Trans 2 Name: OCEAN BLUE ENVIRONMENTAL
TSDF EPA ID: AZD982441263
Trans Name: SIEMENS
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D040
Disposal Method: H129 - Other Treatment
Quantity Tons: 3.5
Waste Quantity: 7000
Quantity Unit: P
Additional Code 1: D039
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1999
Gen EPA ID: CAD008371437

Shipment Date: 19991228
Creation Date: 4/4/2000 0:00:00
Receipt Date: 20000114
Manifest ID: 99332522
Trans EPA ID: NJD080631369
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080014079
Trans Name: Not reported
TSDF Alt EPA ID: CAT080014079
TSDF Alt Name: Not reported
CA Waste Code: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991228
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 99332522
Trans EPA ID: NJD080631369
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080014079
Trans Name: Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	F003
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.216
Waste Quantity:	432
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991228
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99332522
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.055
Waste Quantity:	110
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991228
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99332522
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991228
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99332522
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0255
Waste Quantity:	51
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991228
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99332522
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0085
Waste Quantity:	17
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991228
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99332522

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D004
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0205
Waste Quantity:	41
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991228
Creation Date:	2/28/2000 0:00:00
Receipt Date:	20000105
Manifest ID:	99332524
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991228
Creation Date:	2/28/2000 0:00:00
Receipt Date:	20000105
Manifest ID:	99332524
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l

CONEXANT SYSTEMS INC (Continued) **S112999408**

RCRA Code: F003
Disposal Method: R01 - Recycler
Quantity Tons: 0.4375
Waste Quantity: 875
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991228
Creation Date: 4/4/2000 0:00:00
Receipt Date: 20000114
Manifest ID: 99332522
Trans EPA ID: NJD080631369
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080014079
Trans Name: Not reported
TSDF Alt EPA ID: CAT080014079
TSDF Alt Name: Not reported
CA Waste Code: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.008
Waste Quantity: 16
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAD008371437

Shipment Date: 20170822
Creation Date: 5/30/2018 18:33:30
Receipt Date: 20170822
Manifest ID: 016306009JJK
Trans EPA ID: CAR000148338
Trans Name: AMERICAN INTEGRATED SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 135 - Unspecified aqueous solution
RCRA Code: D043
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.462
Waste Quantity: 110

CONEXANT SYSTEMS INC (Continued) **S112999408**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	5/21/2018 18:34:34
Receipt Date:	20170816
Manifest ID:	016306005JJK
Trans EPA ID:	CAR000148338
Trans Name:	AMERICAN INTEGRATED SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	D043
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD008371437
Shipment Date:	20120627
Creation Date:	5/29/2013 22:15:25
Receipt Date:	20120703
Manifest ID:	006608972JJK
Trans EPA ID:	ILD982612798
Trans Name:	SIEMENS INDUSTRY INC
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE ENVIRMENTAL
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120522
Creation Date:	5/29/2013 22:15:15
Receipt Date:	20120529
Manifest ID:	006608949JJK
Trans EPA ID:	ILD982612798
Trans Name:	SIEMENS INDUSTRY INC
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE ENVIRONMENTAL SERVICES
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120501
Creation Date:	6/11/2013 22:15:20
Receipt Date:	20120509
Manifest ID:	009498794JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES, INC.
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION INC.
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120501
Creation Date:	5/28/2013 22:15:05
Receipt Date:	20120509

CONEXANT SYSTEMS INC (Continued) **S112999408**

Manifest ID:	009498795JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	F003
Disposal Method:	H020 - Solvents Recovery
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD008371437
Shipment Date:	20061120
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061130
Manifest ID:	000048083VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	F003
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061120
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061130
Manifest ID:	000048083VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	F005
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	D043
Additional Code 4:	D027
Additional Code 5:	Not reported
Shipment Date:	20061120
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000048083VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061120
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061130
Manifest ID:	000048083VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061120
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061130
Manifest ID:	000048083VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061120
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000048083VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060714
Creation Date:	9/8/2006 18:33:30
Receipt Date:	20060714
Manifest ID:	24395410
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	521 - Drilling mud 531 Chemical toilet waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060714
Creation Date:	9/8/2006 18:33:30
Receipt Date:	20060714
Manifest ID:	24395410
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	F003
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060714
Creation Date:	9/8/2006 18:33:30
Receipt Date:	20060714
Manifest ID:	24395410
Trans EPA ID:	NJD080631369

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.275
Waste Quantity:	550
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060714
Creation Date:	9/8/2006 18:33:30
Receipt Date:	20060714
Manifest ID:	24395410
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD008371437

Shipment Date:	19961230
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961231
Manifest ID:	96044096
Trans EPA ID:	MOD095038998
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD983481813
Trans Name:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	12.642
Waste Quantity:	15
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961223
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961223
Manifest ID:	96044095
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Disposal Method:	H01 - Transfer Station
Quantity Tons:	5.214
Waste Quantity:	1580
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961217
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961217
Manifest ID:	96044094
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Disposal Method:	H01 - Transfer Station
Quantity Tons:	6.765
Waste Quantity:	2050
Quantity Unit:	G
Additional Code 1:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961213
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19961218
Manifest ID:	96044093
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961213
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19961218
Manifest ID:	96044093
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961213
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19961218
Manifest ID:	96044093

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Disposal Method:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961213
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19961218
Manifest ID:	96044093
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961209
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19961210
Manifest ID:	96044092
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.

CONEXANT SYSTEMS INC (Continued) **S112999408**

RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.1875
Waste Quantity:	375
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961209
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19961210
Manifest ID:	96044092
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Disposal Method:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961209
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19961210
Manifest ID:	96044092
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	F003
Disposal Method:	R01 - Recycler
Quantity Tons:	0.7415
Waste Quantity:	1483
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAD008371437

Shipment Date: 20030519
Creation Date: 6/23/2004 10:00:42
Receipt Date: 20030522
Manifest ID: 20441057
Trans EPA ID: NJD080631369
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
CA Waste Code: 151 - Asbestos-containing waste
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.8428
Waste Quantity: 1
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030519
Creation Date: 6/23/2004 10:00:42
Receipt Date: 20030522
Manifest ID: 20441057
Trans EPA ID: NJD080631369
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030310
Creation Date: 6/25/2003 18:30:52
Receipt Date: 20030321

CONEXANT SYSTEMS INC (Continued) **S112999408**

Manifest ID:	20441050
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	F001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD008371437
Shipment Date:	19951227
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951227
Manifest ID:	93146346
Trans EPA ID:	CAD083003699
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	5.808
Waste Quantity:	1760
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951222
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951226
Manifest ID:	95741734
Trans EPA ID:	MOD095038998
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	8.428
Waste Quantity:	10
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951218
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951220
Manifest ID:	95750806
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951218
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951220
Manifest ID:	95750805
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	612 - Household waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.8265
Waste Quantity:	1653

CONEXANT SYSTEMS INC (Continued) **S112999408**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951218
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951220
Manifest ID:	95750805
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.1895
Waste Quantity:	379
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951218
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951220
Manifest ID:	95750805
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.178
Waste Quantity:	356
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951218
Creation Date:	7/26/1996 0:00:00

CONEXANT SYSTEMS INC (Continued) **S112999408**

Receipt Date:	19951220
Manifest ID:	95750805
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D004
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.377
Waste Quantity:	754
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951218
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951219
Manifest ID:	95750804
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951218
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951219
Manifest ID:	95750804
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: F003
Disposal Method: R01 - Recycler
Quantity Tons: 0.226
Waste Quantity: 452
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951218
Creation Date: 7/29/1996 0:00:00
Receipt Date: 19951220
Manifest ID: 95750806
Trans EPA ID: ILD099202681
Trans Name: Not reported
Trans 2 EPA ID: CAD004778742
Trans 2 Name: Not reported
TSDF EPA ID: CAT080014079
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.0015
Waste Quantity: 3
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAD008371437

Shipment Date: 20131008
Creation Date: 3/12/2014 22:15:10
Receipt Date: 20131016
Manifest ID: 012136376JJK
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: CAR000163824
Trans 2 Name: TRIMSA USA INC
TSDF EPA ID: 02-IV-99-10
Trans Name: RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 331 - Off-specification, aged, or surplus organics
RCRA Code: F003
Disposal Method: H020 - Solvents Recovery
Quantity Tons: 0.35

CONEXANT SYSTEMS INC (Continued) **S112999408**

Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131008
Creation Date:	3/12/2014 22:15:10
Receipt Date:	20131017
Manifest ID:	012136375JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131008
Creation Date:	3/6/2014 22:15:09
Receipt Date:	20131011
Manifest ID:	012136378JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAD981412356
Trans 2 Name:	PACIFIC TRANS
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Shipment Date:	20131008
Creation Date:	3/12/2014 22:15:10
Receipt Date:	20131016
Manifest ID:	012136376JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D001
Disposal Method:	H020 - Solvents Recovery
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130409
Creation Date:	5/14/2013 22:15:15
Receipt Date:	20130416
Manifest ID:	010511505JJK
Trans EPA ID:	GAR000068247
Trans Name:	SIEMENS INDUSTRY INC
Trans 2 EPA ID:	CAD983608258
Trans 2 Name:	OCEAN BLUE ENVIRONMENTAL SERVICES
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS WESTATE CARBON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD008371437

Shipment Date:	19941228
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941228
Manifest ID:	93634198

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans EPA ID:	CAD083003699
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	521 - Drilling mud 531 Chemical toilet waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	12.642
Waste Quantity:	15
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941228
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941228
Manifest ID:	93634197
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941221
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941221
Manifest ID:	93562253
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.

CONEXANT SYSTEMS INC (Continued) **S112999408**

RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	4.1514
Waste Quantity:	1258
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941214
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941214
Manifest ID:	93634120
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	521 - Drilling mud 531 Chemical toilet waste
RCRA Code:	Not reported
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	12.642
Waste Quantity:	15
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941213
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941214
Manifest ID:	93634116
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 5:	Not reported
Shipment Date:	19941209
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941209
Manifest ID:	93562199
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	5.841
Waste Quantity:	1770
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941128
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941129
Manifest ID:	93635564
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	521 - Drilling mud 531 Chemical toilet waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	8.428
Waste Quantity:	10
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941123
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941123
Manifest ID:	93592574
Trans EPA ID:	CAD083003699
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941123
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941123
Manifest ID:	93592573
Trans EPA ID:	CAD083003699
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941123
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941123
Manifest ID:	93592572
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	6.6

CONEXANT SYSTEMS INC (Continued) **S112999408**

Waste Quantity:	2000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD008371437
Shipment Date:	19931228
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931230
Manifest ID:	93306954
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	ILD099202681
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
CA Waste Code:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.0615
Waste Quantity:	123
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931228
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931230
Manifest ID:	93306954
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	ILD099202681
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.3025
Waste Quantity:	605
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931228
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931228
Manifest ID:	93306953
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Disposal Method:	R01 - Recycler
Quantity Tons:	0.1595
Waste Quantity:	319
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931228
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931228
Manifest ID:	93306953
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2335
Waste Quantity:	467
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931228
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931228
Manifest ID:	93306953
Trans EPA ID:	ILD099202681
Trans Name:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	4.94
Waste Quantity:	9880
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931228
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931230
Manifest ID:	93306954
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	ILD099202681
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.0755
Waste Quantity:	151
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931220
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931220
Manifest ID:	93148663
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler

CONEXANT SYSTEMS INC (Continued) **S112999408**

Quantity Tons:	2.607
Waste Quantity:	790
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931209
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931209
Manifest ID:	93147335
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	4.4055
Waste Quantity:	1335
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931208
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931210
Manifest ID:	93147323
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	D99 - Disposal, Other
Quantity Tons:	0.1705
Waste Quantity:	341
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Shipment Date:	19931208
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931210
Manifest ID:	93147323
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
CA Waste Code:	- Not reported
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.079
Waste Quantity:	158
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD008371437
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23368825
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	NONE
Disposal Method:	- Not reported
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23368825
Trans EPA ID:	NJD080631369

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	NONE
Disposal Method:	- Not reported
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23368825
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	NONE
Disposal Method:	- Not reported
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23368825
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	NONE

CONEXANT SYSTEMS INC (Continued) **S112999408**

Disposal Method:	- Not reported
Quantity Tons:	0.275
Waste Quantity:	550
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051208
Creation Date:	3/14/2006 16:16:17
Receipt Date:	Not reported
Manifest ID:	24395376
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	F001
Disposal Method:	- Not reported
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051208
Creation Date:	3/14/2006 16:16:17
Receipt Date:	Not reported
Manifest ID:	24395376
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	- Not reported
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Shipment Date:	20051208
Creation Date:	3/14/2006 16:16:17
Receipt Date:	Not reported
Manifest ID:	24395376
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F003
Disposal Method:	- Not reported
Quantity Tons:	0.625
Waste Quantity:	1250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051208
Creation Date:	3/14/2006 16:16:17
Receipt Date:	Not reported
Manifest ID:	24395376
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050620
Creation Date:	10/13/2005 18:31:00
Receipt Date:	20050630
Manifest ID:	24395287
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans Name: ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050620
Creation Date: 10/13/2005 18:31:00
Receipt Date: 20050630
Manifest ID: 24395287
Trans EPA ID: NJD080631369
Trans Name: ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAD008371437

Shipment Date: 20011226
Creation Date: 2/20/2002 0:00:00
Receipt Date: 20020103
Manifest ID: 20440630
Trans EPA ID: NJD080631369
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: Not reported
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
CA Waste Code: 731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code: Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.2204
Waste Quantity:	200
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011226
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20440631
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.351
Waste Quantity:	702
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011226
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20440631
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Shipment Date:	20011226
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020108
Manifest ID:	20440632
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	1.6856
Waste Quantity:	2
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011226
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020108
Manifest ID:	20440632
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	F003
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.352
Waste Quantity:	704
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011226
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020108
Manifest ID:	20440632
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011226
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020104
Manifest ID:	20440631
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D004
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0645
Waste Quantity:	129
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011226
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020104
Manifest ID:	20440631
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011226
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020104
Manifest ID:	20440631
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D004
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.129
Waste Quantity:	258
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011226
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020104
Manifest ID:	20440631
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.5535
Waste Quantity:	1107
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD008371437

CONEXANT SYSTEMS INC (Continued) **S112999408**

Shipment Date:	19971224
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980106
Manifest ID:	97236038
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971224
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980106
Manifest ID:	97236038
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971223
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971223
Manifest ID:	97236037
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	5.202
Waste Quantity:	1530
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971222
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971223
Manifest ID:	97236036
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Disposal Method:	R01 - Recycler
Quantity Tons:	6.27
Waste Quantity:	1900
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971215
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	96720256
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	1.041
Waste Quantity:	2082
Quantity Unit:	P

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971215
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19971215
Manifest ID:	96720256
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.866
Waste Quantity:	1732
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971215
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19971215
Manifest ID:	96720256
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.1935
Waste Quantity:	387
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971215
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19971215

CONEXANT SYSTEMS INC (Continued) **S112999408**

Manifest ID:	96720256
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D004
Disposal Method:	R01 - Recycler
Quantity Tons:	0.1635
Waste Quantity:	327
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971215
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	96720256
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.342
Waste Quantity:	684
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971215
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19971215
Manifest ID:	96720256
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

CA Waste Code:	352 - Other organic solids
RCRA Code:	F003
Disposal Method:	R01 - Recycler
Quantity Tons:	0.577
Waste Quantity:	1154
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAD008371437
Shipment Date:	20100922
Creation Date:	3/30/2011 18:30:20
Receipt Date:	20100930
Manifest ID:	007729342JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAD008252405
Trans 2 Name:	PACIFIC RESOURCE RECOVERY
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100806
Creation Date:	1/27/2011 18:30:07
Receipt Date:	20100810
Manifest ID:	006608630JJK
Trans EPA ID:	PAD981739188
Trans Name:	SIEMENS WATER TECH CORP
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENT
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H129 - Other Treatment
Quantity Tons:	3.5

CONEXANT SYSTEMS INC (Continued) **S112999408**

Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100512
Creation Date:	12/16/2010 18:31:00
Receipt Date:	20100518
Manifest ID:	006608599JJK
Trans EPA ID:	PAD981739188
Trans Name:	SIEMENS WATER TECHNOLOGIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD982441263
Trans Name:	SIEMENS WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	351 - Organic solids with halogens
RCRA Code:	D040
Disposal Method:	H129 - Other Treatment
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100507
Creation Date:	1/14/2011 18:30:24
Receipt Date:	20100513
Manifest ID:	006438373JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Shipment Date:	20100507
Creation Date:	1/14/2011 18:30:24
Receipt Date:	20100513
Manifest ID:	006438373JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100507
Creation Date:	1/14/2011 18:30:24
Receipt Date:	20100513
Manifest ID:	006438373JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.019
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100125
Creation Date:	3/11/2010 18:30:08
Receipt Date:	20100125
Manifest ID:	000312300VES
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	18.48
Waste Quantity:	4400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD008371437
Shipment Date:	20041103
Creation Date:	12/31/2004 18:31:40
Receipt Date:	20041103
Manifest ID:	22540293
Trans EPA ID:	CAD004778742
Trans Name:	STURGEON AND SON INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	NONE
Disposal Method:	R01 - Recycler
Quantity Tons:	8.7234
Waste Quantity:	2077
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041103
Creation Date:	12/31/2004 18:31:40
Receipt Date:	20041103
Manifest ID:	22540295
Trans EPA ID:	CAD004778742
Trans Name:	STURGEON AND SON INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	NONE
Disposal Method:	H01 - Transfer Station
Quantity Tons:	18.06
Waste Quantity:	4300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041027
Creation Date:	1/20/2005 18:30:18
Receipt Date:	20041105
Manifest ID:	22540291
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041027
Creation Date:	1/20/2005 18:30:18
Receipt Date:	20041105
Manifest ID:	22540291
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.045
Waste Quantity:	90
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041027
Creation Date:	1/20/2005 18:30:18
Receipt Date:	20041105
Manifest ID:	22540291
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041027
Creation Date:	1/20/2005 18:30:18
Receipt Date:	20041105
Manifest ID:	22540291
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	D022
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040817
Creation Date:	1/6/2005 18:30:52
Receipt Date:	20040827
Manifest ID:	23369135
Trans EPA ID:	NJD080631369

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	521 - Drilling mud 531 Chemical toilet waste
RCRA Code:	NONE
Disposal Method:	H01 - Transfer Station
Quantity Tons:	1.25
Waste Quantity:	2500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040806
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040809
Manifest ID:	23369132
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040806
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040809
Manifest ID:	23369132
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	725 - Liquids with mercury > 20 mg/l
RCRA Code:	D009

CONEXANT SYSTEMS INC (Continued) **S112999408**

Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040806
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040809
Manifest ID:	23369132
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Disposal Method:	R01 - Recycler
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD008371437
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20435796
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	- Not reported
RCRA Code:	D009
Disposal Method:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20435796
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Disposal Method:	- Not reported
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20435796
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Disposal Method:	- Not reported
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20435796

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.257
Waste Quantity:	514
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20435801
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	F002
Disposal Method:	- Not reported
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20435801
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids

CONEXANT SYSTEMS INC (Continued) **S112999408**

RCRA Code:	F003
Disposal Method:	- Not reported
Quantity Tons:	0.613
Waste Quantity:	1226
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20435801
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20435801
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.39
Waste Quantity:	780
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Additional Code 5:	Not reported
Shipment Date:	20020425
Creation Date:	1/8/2003 18:31:12
Receipt Date:	20020425
Manifest ID:	20443357
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	F001
Disposal Method:	R01 - Recycler
Quantity Tons:	7.923
Waste Quantity:	1900
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020308
Creation Date:	7/29/2002 18:32:31
Receipt Date:	20020313
Manifest ID:	20443528
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD008371437
Shipment Date:	20071221
Creation Date:	3/12/2008 18:30:10
Receipt Date:	20080102

CONEXANT SYSTEMS INC (Continued) **S112999408**

Manifest ID:	000046544VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F003
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071221
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000046544VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071221
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000046544VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071221
Creation Date:	3/12/2008 18:30:10
Receipt Date:	20080102
Manifest ID:	000046544VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071221
Creation Date:	3/12/2008 18:30:10
Receipt Date:	20080102
Manifest ID:	000046544VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30

CONEXANT SYSTEMS INC (Continued) **S112999408**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071221
Creation Date:	3/12/2008 18:30:10
Receipt Date:	20080102
Manifest ID:	000046544VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071221
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000046544VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Shipment Date:	20070907
Creation Date:	11/6/2007 18:30:15
Receipt Date:	20070907
Manifest ID:	000046533VES
Trans EPA ID:	CAR000053405
Trans Name:	ISLAND ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070707
Creation Date:	12/28/2007 18:30:26
Receipt Date:	20070709
Manifest ID:	000048371VES
Trans EPA ID:	CAR000053405
Trans Name:	ISLAND ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.46
Waste Quantity:	1300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070615
Creation Date:	11/3/2007 18:30:06
Receipt Date:	20070621
Manifest ID:	000048461VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported

CONEXANT SYSTEMS INC (Continued) **S112999408**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	CONEXANT SYSTEMS INC
Address:	4311 JAMBOREE RD
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926603007
EPA ID:	CAD008371437
Inactive Date:	Not reported
Create Date:	07/23/1982
Last Act Date:	09/30/2019
Mailing Name:	Not reported
Mailing Address:	1901 MAIN ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	IRVINE, CA 926140000
Owner Name:	CONEXANT SYSTEMS INC.
Owner Address:	1901 MAIN ST
Owner Address 2:	Not reported
Owner City,State,Zip:	IRVINE, CA 926140000
Contact Name:	MICHAEL BAYAN
Contact Address:	1901 MAIN ST
Contact Address 2:	Not reported
City,State,Zip:	IRVINE, CA 92614

NAICS:

EPA ID:	CAD008371437
Create Date:	2002-03-14 16:36:26
NAICS Code:	334413
NAICS Description:	Semiconductor and Related Device Manufacturing
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	Not reported
Facility Name:	CONEXANT SYSTEMS INC
Facility Address:	4311 JAMBOREE RD
Facility Address 2:	Not reported
Facility City:	NEWPORT BEACH
Facility County:	30
Facility State:	CA
Facility Zip:	926603007

D22 **JAZZ SEMICONDUCTOR** **CERS HAZ WASTE** **S123531597**
SE **4321 JAMBOREE RD MSCO 1-500** **CERS TANKS** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660** **CERS**
0.106 mi.
560 ft. **Site 3 of 7 in cluster D**

Relative:
Higher

Actual:
54 ft.

CERS HAZ WASTE:

Name:	JAZZ SEMICONDUCTOR
Address:	4321 JAMBOREE RD MSCO 1-500
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	51752
CERS ID:	10153735
CERS Description:	Hazardous Waste Generator

Name:	JAZZ SEMICONDUCTOR
Address:	4321 JAMBOREE RD MSCO 1-500
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	51752
CERS ID:	10153735
CERS Description:	RCRA LQ HW Generator

Name:	JAZZ SEMICONDUCTOR
Address:	4321 JAMBOREE RD MSCO 1-500
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	51752
CERS ID:	10153735
CERS Description:	Hazardous Chemical Management

Name:	JAZZ SEMICONDUCTOR
Address:	4321 JAMBOREE RD MSCO 1-500
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	51752
CERS ID:	10153735
CERS Description:	Hazardous Waste Onsite Treatment

CERS TANKS:

Name:	JAZZ SEMICONDUCTOR
Address:	4321 JAMBOREE RD MSCO 1-500
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	51752
CERS ID:	10153735
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	JAZZ SEMICONDUCTOR
Address:	4321 JAMBOREE RD MSCO 1-500
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	51752
CERS ID:	10153735
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	51752
Site Name:	JAZZ SEMICONDUCTOR
Violation Date:	05-03-2019
Citation:	22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Description:	Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated

JAZZ SEMICONDUCTOR (Continued) **S123531597**

	in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes:	OBSERVATION: A hazardous waste tank reassessment has not been conducted for the Solvent tank system within 5 years of the previous tank system assessment or within the remaining service life of the tank system as stated in the engineer's report, whichever is less. CORRECTIVE ACTION: Obtain a written hazardous waste tank system reassessment for the Solvent tank system in accordance with 22 CCR 15 66265.192 and submit a copy to the CUPA.
Violation Division:	Orange County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	51752
Site Name:	JAZZ SEMICONDUCTOR
Violation Date:	04-26-2018
Citation:	19 CCR 4.5 2755.2(f) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.2(f)
Violation Description:	Failure to update and revalidate the hazard review at least once every 5 years.
Violation Notes:	Returned to compliance on 06/29/2018. OBSERVATION: The owner/operator failed to update the hazard review at least once every 5 years. CUPA CORRECTIVE ACTION: The Hazard Review is past due for Anhydrous Ammonia, Aqueous Ammonia, Hydrogen Chloride, and Hydrofluoric acid. Please schedule the Hazard Review revalidation immediately and notify this agency in order to be present. In addition, it was discussed during this inspection that all regulated substances/processes would be included in the Hazard Review in order to put them on the same Hazard Review schedule.
Violation Division:	Orange County Environmental Health
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	51752
Site Name:	JAZZ SEMICONDUCTOR
Violation Date:	05-16-2014
Citation:	19 CCR 4.5 2760.2(g) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.2(g)
Violation Description:	Failure to retain the Process Hazard Analysis and updates/revalidations for each covered process as well as the documented resolution of recommendations for the life of the process.
Violation Notes:	Returned to compliance on 11/03/2014. Violation in regards to training records for Air Gas Techs on the loading and unloading procedures for the Anhydrous Ammonia not maintained/ available for review at the regulated facility. Facility must maintain annual training records for their vendor vendors and send this Agency documentation that vendors have received adequate refresher training.
Violation Division:	Orange County Environmental Health
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	51752
Site Name:	JAZZ SEMICONDUCTOR
Violation Date:	05-16-2014

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Citation:	19 CCR 4.5 2760.2(g) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.2(g)
Violation Description:	Failure to retain the Process Hazard Analysis and updates/revalidations for each covered process as well as the documented resolution of recommendations for the life of the process.
Violation Notes:	Returned to compliance on 11/03/2014. The Tri-Annual Compliance Audit of April 2013 has sixteen(16) recommendation. There is no action tracking log, verifying any of the recommendations have been addresses. Facility must send documentation of all recommendations with verification of completion dates with signature of responsible persons or reasons as to why recommendations cannot be complete within 30-days.
Violation Division:	Orange County Environmental Health
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	51752
Site Name:	JAZZ SEMICONDUCTOR
Violation Date:	05-16-2014
Citation:	19 CCR 4.5 2750.1 - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2750.1
Violation Description:	Failure to comply with Sections 2750.2 through 2750.9
Violation Notes:	Returned to compliance on 11/03/2014. Violation has been elevated to Class 1 for failure to conduct a seismic assessment of the covered process: HCL and BCL3 storage. Violation was cited 6/20/13 during a routine Cal ARP inspection. Facility has failed to comply. Formal enforcement will accompany this violation through an Administrative Enforcement Order to gain compliance. ***Facility must immediately obtain a seismic assessment for these covered processes.
Violation Division:	Orange County Environmental Health
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	51752
Site Name:	JAZZ SEMICONDUCTOR
Violation Date:	05-16-2014
Citation:	19 CCR 4.5 2760.2(g) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.2(g)
Violation Description:	Failure to retain the Process Hazard Analysis and updates/revalidations for each covered process as well as the documented resolution of recommendations for the life of the process.
Violation Notes:	Returned to compliance on 12/29/2014. Violation in regards to procedures not annually reviewed to make sure they are current. there is no documentations that procedure are annually reviewed. Facility must provide/maintain documentation that all procedures that involved any of the covered processes are reviewed on an annual basis.
Violation Division:	Orange County Environmental Health
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	51752
Site Name:	JAZZ SEMICONDUCTOR
Violation Date:	05-16-2014
Citation:	19 CCR 4.5 2760.2(g) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.2(g)
Violation Description:	Failure to retain the Process Hazard Analysis and updates/revalidations for each covered process as well as the

JAZZ SEMICONDUCTOR (Continued) **S123531597**

documented resolution of recommendations for the life of the process.

Violation Notes: Returned to compliance on 11/03/2014. Violation in regards to maintenance procedures missing for NH3 sensors. Schedule of calibration, replacement, testing etc. Facility has 30-days to provide a maintenance procedure for the NH3 sensors.
Violation Division: Orange County Environmental Health
Violation Program: CalARP
Violation Source: CERS

Site ID: 51752
Site Name: JAZZ SEMICONDUCTOR
Violation Date: 04-26-2018
Citation: 19 CCR 4.5 2755.2(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.2(d)
Violation Description: Failure to include the consideration of external events, including seismic events.
Violation Notes: Returned to compliance on 06/01/2018. The last seismic assessment was conducted on 6/25/2014 specifically for the outside storage area. The acid/waste neutralization seismic assessment was conducted on 6/11/2013. A seismic assessment for chlorine, hydrogen chloride, and boron trichloride for processes inside the building is past due. As with the hazard review revalidation, a 5-year seismic assessment should be completed for all regulated processes immediately. This will eliminate multiple dates and put the 5-year seismic assessment for all processes on the same schedule.
Violation Division: Orange County Environmental Health
Violation Program: CalARP
Violation Source: CERS

Site ID: 51752
Site Name: JAZZ SEMICONDUCTOR
Violation Date: 04-22-2015
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 06/08/2018. OBSERVATION: Used oil was observed stored in 55g drums with an attached funnel screwed into the bung. Although the funnel was closed at the time of this visit, the funnel was not equipped with a one-way valve or a gasket on the funnel lid to reasonably prevent the release of the hazardous waste in the event of tip-over of the container. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: If a funnel is to be continuously attached to the drum, replace/repair the funnel such that it is equipped with a one-way valve (at the bung opening) or a gasket on the funnel lid that minimizes the chances of a large release of hazardous waste. Correct this item within 30 days and submit a photograph of the corrective action taken.
Violation Division: Orange County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 51752
Site Name: JAZZ SEMICONDUCTOR
Violation Date: 05-16-2014
Citation: 19 CCR 4.5 2755.2(f) - California Code of Regulations, Title 19,

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Chapter 4.5, Section(s) 2755.2(f)
Violation Description: Failure to update the hazard review whenever a major change in the process occurs.
Violation Notes: Returned to compliance on 10/30/2014. Hazard Review for Chlorine dated November of 2010, has recommendations that have not been verified complete with signature of responsible person who verified complete with a completion dates. Facility must send updated documentation and/or address all recommendation and verify complete with 30-days of receipt of this inspection report.
Violation Division: Orange County Environmental Health
Violation Program: CalARP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 07-23-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Request to Show cause received. Enforcement folders created. Electronic files created. HMSS AEO Spreadsheet tab created. All files linked. Draft of Show Cause letter. AEO Meeting Folders created. Penalty Calculation conducted.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File review for violation compliance. Hazard reviews were conducted: Ammonia processes: 5/31/18 Hydrogen Chloride: 5/30/18 Hydrofluoric acid: 6/29/18 Seismic review was conducted 6/1/18 Violations I543 and I331 are abated.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-16-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File Review and Penalty Review with HCA/Lane
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-19-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received PHA for new ammonia tank From RMP’s Stephanie Smith. PHA will be reviewed for completeness on a separate date.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval General Type:	Other/Unknown
Eval Date:	10-21-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Prepare Consent Order for AEO Meeting. Review with HCA/Lane. Reviewed main file for Cal-ARP for signatures.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-21-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Show Cause Meeting. Agreements reached. Consent Order with Corrective Actions emailed to Towerjazz General Counsel for review.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-30-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS: On-site for a follow up inspection and to discuss the open violation. Reviewed the email sent from Sean Incontro of TowerJazz to the Newport Beach Fire Department. The email documents an attempt to have the NBFD on-site to coordinate emergency response procedures. In the future the email needs to include the following: This CalARP facility is required to ensure that response actions have been coordinated with local emergency planning and response agencies per 19 CCR 4.5 2735.5(d)(3) Abate violation P103 from previous inspection reports.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-31-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Emailed Rex Edwards, Legal Counsel, for Towerjazz in regards to the Consent Order. Consent Order was emailed for review by legal on 10-21-14. To day, no reply or correspondence received.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-05-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewing MOC and PSSr forms from RMP Corp. in relation to the new Ammonia Tank.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval General Type:	Other/Unknown
Eval Date:	11-13-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed Process Hazard Analysis (PHA) and additional CalARP Program Level 3 documentation on this date. The documentation is required as the CalARP program for Jazz will be increased from a Level 2 to a level 3. Additional documents received include Process Safety Information (PSI), Training information, Mechanical Integrity (MI), Management of Change (MOC), and Pre Start-up Safety Review (PSSR). Other documents included in the documents package include hot work permit forms, employee participation forms, and contractor forms. PHA was conducted on 8/31/2018. The PHA details the hazard analysis of the introduction of a new anhydrous ammonia tank. The new tank will hold a quantity of 8,755 pounds. Total capacity with both tanks in service will be approximately 17,500 pounds. This quantity is temporary however as the old tank will be removed soon after the new tank is put in service. Two recommendations were made during the PHA: (1) evaluate evacuation to [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-03-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS: Received a signed copy of the inspection report for the file.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-11-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Hand Delivery of Consent Order. Signatures obtained this date.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-11-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Update File with Follow-up inspection reports from HCA/Held. All violations corrected at this date. Consent Order appointment for signing on site at 2:00 pm on 12-11-14. Consent Order and payment vouchers will be hand delivered.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-10-2016
Violations Found:	No

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Check of TP requirements - inspection forthcoming
Eval Division:	Orange County Environmental Health
Eval Program:	CA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-08-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS review: BA/OW pages - need to remove TP/FA forms posted here and under TP
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-25-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine Tiered permit (CA) inspection with Marco Escobedo of OC CUPA. Consent to enter, inspect and take any necessary pictures was given by the Kevin Austin, Senior Environmental Engineer. Facility has filed required tiered permit forms on CERS. One CA unit is identified and present on-site. Financial assurance was completed on February 23, 2018. Facility operates an acid waste neutralization system (AWNS) that treats acid waste from various sources within the facility in a series of treatment tanks (pH treatment). Each tank/unit was marked with name of owner/operator, facility and individual serial number. The inspection logs, volume logs were maintained on-site by Waste Water Treatment operator. Up-to-date PE certifications (May 8, 2014 for EKC and Solvent Tanks and May 31, 2013 for the AWNS system) were present on site. Please contact Denamarie Bakerl at dbaker@ochca.com with regards to any questions.
Eval Division:	Orange County Environmental Health
Eval Program:	CA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Joint inspection with M. Escobedo
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-27-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Hazardous waste determination for grinding dust observed in machine re-conditioning room. Test results (Fathead Minnow Test) show the grinding dust does not meet the threshold to be considered hazardous waste for toxicity. Tests conducted 1/8/2015.
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-05-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 2017 HMBEP Annual Certification Approval. The following documents were received and ACCEPTED on CERS: Business Activities Business Ownership Information Chemical Inventory Facility Site Map Emergency Plan
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-22-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: CA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-30-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HR-Review: Hydrogen chloride delivery systems
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-03-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Meeting updated
Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-12-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Get environmental contact name/# for OCFA haz mat teams.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-16-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS: On-site for a CalARP Audit and to discuss the relocation of the ammonia storage tank. The tanks is being relocated at the request of the property owner, who is building a large residential complex next to the site. Met with Randy Crawford and Tim

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Hyde of JazzSemi, Eric Rademacher of Trinity Consulting, and Bill Shcram and Tariq Hussain of URS. Reviewed the combined RMP dated November 2014. Action Item: Tariq Hussain will email a copy of the new RMP to OCHCA at bheld@ochca.com The new tank is smaller (8,678 pounds) than the current tank (9,713 pounds). For a period of approximately six (6) months, both tanks will be on-site. The percent tank will not be removed until the new tank is up and running properly. At no time can the amount of anhydrous ammonia cannot exceed 10,000 pounds. The off-site consequence for the new tank has been modeled in the November 2014 RMP. The OSC is 0.9 miles. The location of the new anhydrous ammonia [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS: Received the following via E mail from Tariq Hussain: 1) The RMP dated November 2014 2) A Risk Reduction Analysis 3) Basis of Design for the re-location project Reviewed the first two (2) documents this date.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-29-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Show Cause Letter Signed. Sent Via Certified Mail. Emailed update to Reesman.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-28-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received email from Stephanie Smith regarding CalARP Program Level 3 updates regarding the repositioning of the Anhydrous Ammonia tank. Email is below: Marco, I wanted to reach out and ask about what you need for the TowerJazz ammonia tank theyG ve installed. They are looking to fill the tank as soon as they can. I have the PHA done and weG re finalizing the draft. I have other various sections almost completed. I want to prioritize program elements that you would like to see first or that you deem most important. Can you provide some guidance? Thank you, Stephanie Stephanie Smith, PE Senior Engineer Risk Management Professionals, Inc. 2 Venture, Suite 500 Irvine, California 92618 Stephanie.Smith@RMPCorp.com Office: (949) 282-0123 ext. 234 Connect with me on LinkedIn Be more sustainable - think before you print Requested the PHA, MOC and Pre-Startup safety review.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-29-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for a routine RCRA large quantity generator (LQG) hazardous waste generator inspection. Met with Environmental Health & Safety Manager Kevin Austin. Consent to enter and collect photos was granted by Mr. Austin. The facilityG s operations and the hazardous waste processes were discussed. The storage of the facility's hazardous waste was inspected. Hazardous waste is stored in a designated hazardous waste storage area along with satellite accumulation storage locations throughout the work areas. The following were observed on this date: 1. Proper accumulation time for waste storage was observed. 2. (2) hazardous waste tanks are located at the facility. Both were enclosed in a locked gate and labeled properly. 3. Satellite drums were located throughout the facility and in the control of the operator. All hazardous waste containers were properly stored closed and labeled. The inspection included a walk of the facilities outside perimeter and trash [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-21-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-02-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Update of file with inspection report dated 10-30-14 from HCA/Held. Two violations remain open and are in the process of being abated. File updates and Consent Order Review.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-03-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Updated Consent Order. Emailed with Rex Edwards to schedule a Consent Order Signing Date.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-11-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval Notes:	ADMINISTRATIVE ENFORCEMENT ORDER Administrative Enforcement Order Issued; Consent Order Signed for the following Corrective Actions: 1.) By Monday, December 22, 2014, Respondent must conduct a seismic assessment for the covered process of Chlorine gas and Boron Trichloride storage. Respondent must submit the seismic assessment to OC CUPA for review and must have any corrections completed by November 21, 2014. Respondent has submitted a Corrective Action Plan with a seismic assessment for review to this Agency. Any corrections to be made as requested by OC CUPA to be completed by December 22, 2014. 2.) By Monday, December 22, 2014, Respondent must provide verification to OC CUPA which shows verification, complete with signature of responsible person, that the recommendations for the 2010 Hazard Review for Chlorine have been completed. Respondent has submitted a Corrective Action Plan with a seismic assessment for review to this Agency. Any corrections to be [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-29-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Agency has received the following documents: TowerJazz Response to Corrective Action 2382, OCHCA Enforcement Action - October 21, 2014 Updated Combined RMP for various Chemical systems - November 2014 Prevention Program for Cal ARP Regulated Substances - December 2014 Updated documents reflect the addition of proposed relocation of the anhydrous ammonia storage tank. Discussed in the documents are administrative controls to not exceed total storage of Ammonia to exceed 10,000 pounds. Included in the Prevention Program document in Appendix A is a cross reference table of procedures of vendors and contractor staff procedure reviews. Dates with annual vendor procedures have been verified by facility and TowerJazz Contractors have reviewed these procedures. Previous violations P303 and P203 have been corrected. ***Please contact the district inspector when regulated substance anhydrous ammonia relocation project has been scheduled and will be completed. [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-07-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The following documents were submitted to our agency on 3/13/14: - Business Activities Form - Business Owner/Operator ID - Onsite HW Treatment Notification Facility page
Eval Division:	Orange County Environmental Health
Eval Program:	CA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-21-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	CA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-22-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	A routine inspection of this conditionally authorized (CA) tiered permitting hazardous waste treatment facility was conducted today. Access to the facility was provided by the EHS Sr. Engineer, Mike Maurer, and Kalani Mitchell, Sr. Quality Systems Engineer. The Acid Waste Neutralization System (AWNS) observed today treats acid waste from various sources within this facility in a series of treatment tanks. Tanks of the treatment unit were properly labeled, and tanks and secondary containment appeared to be in good condition. Eyewash stations were observed throughout the facility and appeared to be routinely inspected. Maintenance records were reviewed showing corrosion issues noted in an earlier assessment were addressed by the operator. Documents reviewed today include the following: - Logs of daily inspections of treatment tanks and secondary containment - Waste Minimization documentation (SB14) - Hazardous Waste Management Plan (including training plans and [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	CA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Met with Kevin Austin of Jazz Semiconductor. The facility is regulated under Program Level 2 for the following processes: - Anhydrous Ammonia (2,224 pounds) - Boron Trichloride (1,430 pounds) - Chlorine (1,238 pounds) - 49% Hydrofluoric Acid (3,588 pounds) - Hydrogen chloride (4,200 pounds) - 29% Aqua Ammonia (1,953 pounds). Aqua ammonia is a Program Level 1 RS but will be regulated as a Program level 2 RS to be consistent with the program. (3) separate contractors are on-site full time and handle the following: - Matheson - chlorine, hydrogen chloride, and boron trichloride - Air gas - Ammonia - Pentagon - Hydrofluoric acid. - RMP was certified on 6/30/2017. RMP was complete however needs to be reviewed and corrected to reflect current process conditions. The following prevention elements were verified: - Hazard Review was completed on: -12/2015 for chlorine. (11) Recommendations made. (5) Recommendations are still open. Please send this agency [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-03-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Email report to: Kevin.Austin@towerjazz.com The facility inspection was conducted with Kevin Austin, Senior Environmental Review. Verified

JAZZ SEMICONDUCTOR (Continued) **S123531597**

ownership and the number of employees on-site is approximately 850. Facility has multiple hazardous waste streams. Walked the interior and exterior of the facility to inspect the hazardous wastes storage area and trash dumpster. Reviewed hazardous waste management practices and documentation including training records, manifests and contingency plan. No violation observed on this date.

Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-16-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: A Cal ARP Audit as conducted in connection with the routine inspection this date.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-31-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Hazard Review - day 2 Regulated Substances reviewed: Anhydrous Ammonia and Aqueous Ammonia generation.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-03-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: A routine inspection of this conditionally authorized (CA) tiered permitting hazardous waste treatment facility was conducted today. Access to the facility was provided by the new EHS Sr. Engineer, Mike Maurer, and Sean Incontro. The Acid Waste Neutralization System observed today treats acid waste from various sources within this facility in a series of treatment tanks. Tanks of the treatment unit were properly labeled, and tanks and secondary containment appeared to be in good condition. Eyewash stations were observed throughout the facility and appeared to be routinely inspected). On 3/31/14 the following documents were provided to our agency: - Business Activities Form - Business Owner/Operator ID - Onsite HW Treatment Notification Facility page Additional documents reviewed today include the following: - Log of daily inspections of treatment tanks and secondary containment - Waste Minimization documentation - Hazardous Waste Management Plan [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-03-2014
Violations Found: No
Eval Type: Routine done by local agency

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval Notes:	A routine on-site hazardous waste inspection was conducted today. Access to the facility was provided by the new EHS Sr. Engineer, Mike Maurer, and Sean Incontro. Areas inspected were: hazardous waste treatment area (Acid Waste Neutralization System), drum rinsing room/bottle rinsing station, 90-day hazardous waste accumulation area behind the main building, and hazardous waste storage tanks. Hazardous waste storage tanks were viewable from all sides and secondary containment was observed. All hazardous waste tanks and containers viewed at this facility were stored closed, labeled and appeared to be in good condition. Empty 55-gallon drums that previously contained hazardous materials were labeled with the words, G Empty,G and the date drums became empty. Universal wastes (including electronic devices, batteries, etc.) were observed labeled with the required information. Spill kits, emergency response equipment, and alarms were observed throughout the facility. All [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-03-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Joint Staff Audit
Eval Division:	Orange County Environmental Health
Eval Program:	CA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-03-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Joint Staff Audit
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2012
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS: Received a construction schedule from Lee Jared regarding the relocation of the anhydrous ammonia tank. Replied to the email with a request that the following be added tot he schedule: 1) Hazard Review 2) Hazard Assessment 3) Seismic Assessment
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval General Type:	Other/Unknown
Eval Date:	07-10-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The operator has submitted a PE assessment (dated 6/25/14) for the EKC and Solvent Tanks. The assessments note that significant corrosion exists in the enclosure structures and should be addressed soon.
Eval Division:	Orange County Environmental Health
Eval Program:	CA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-08-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Review and Update Files and Compliance Checklist.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-21-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	REviewing File/Regulation for inspection preparation.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-25-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	EPA ID # CAR000113233 Email report to: Kevin.Austin@towerjazz.com
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-03-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Fix next inspection date
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval Date:	05-16-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Cal ARP Audit was conducted in connection with the routine inspection this date.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-16-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct a routine Cal ARP Level 1 inspection. Met with Michael Maurer this date. Regulated covered process os ammonium hydroxide generation/storage. RMP was made available for review and is dated June 17, 2013. Agency received a copy of the RMP, this date and will review it for completeness. Plan on-site includes signed Certification Statement. 5 year accident history: there have ben no chemical releases with Off-site impacts within the last 5 years. Weekly preventative maintenance checklists for ammonium hydroxide were verified used. Emergency Response Plan was reviewed and has been updated to include a specific section regarding ammonium hydroxide. Eye washes and emergency showers are inspected monthly. Previously issued violation C05 and P104 have been corrected. *** Facility must correct the above violation within 30-days of receipt of the Cal ARP Level 1 inspection report.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-16-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct a routine Cal ARP Level 2 inspection. Met with Michael Maurer today. regulated covered process -use and storage of: Anhydrous Ammonia, Boron Trichloride, Chlorine gas, Hydroflouric Acid and Nitric Acid. The RMP was available for review and a copy was given to this Agency, dated June 17, 2013. A thorough review of the RMP will be conducted at a later date for completeness. RMP on-site has a signed Certification Statement, Executive Summary, Registration, Worst Case and Alternative Case analysis, 5-year accident history. There have been no chemical releases within the last 5-years. Safety information appears current. Hazard review May 2012: Anhydrous Ammonia, HCL gas, Nitric Acid and Hydroflouric acid - all recommendations complete, Next revalidation due May 2017 Hazard review August 2013: BCL3 - no recommendations, Next revalidation due August 2018 Seismic Assessment conducted on the anhydrous ammonia tank and ammonium hydroxide [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-29-2018
Violations Found:	No

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Preparing for Jazz Hazard Review.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-11-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	CA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-23-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	COMPLAINT GENERATED FOR ADMINISTRATIVE ENFORCEMENT ORDER TRACKING
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-29-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-06-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received Email and phone call from Rex Edwards indicating Consent Order will be ready for signature. Forwarded message to HCA/Lane and HCA/Long.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-08-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSEPCTOR COMMENTS: Received the following via email: 1) Chlorine System Action Tracking Log from 11/04/2010 showing that both items have been completed. -Sent and email to Mike Mauer today asking that he initial the completed section. A signature is required by regulation. A separate signature page was received stating that the action items were completed Section 3.2 of the consent order appears to be satisfied 2) A cross reference table of the operating procedures for the contractors Section 3.4 of the consent order appears to be satisfied This facility appears to have addressed all of the items

JAZZ SEMICONDUCTOR (Continued) **S123531597**

	(six) on the consent order dated October 21, 2014.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-15-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Update files with updated information and Consent Order. All violations corrected as of this date (12-15-14).
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-13-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Please be advised that this Agency has reviewed the Tiered Permitting Financial Assurance Self Certification for this facility. The 2014 Closure Cost Estimate (CCE) at $10,474.21 was not properly calculated. The 2014 CCE should be, at a minimum, your 2013 CCE multiplied by an inflation factor of 1.014. Your 2013 CCE was submitted and approved at $10,400.70, therefore your minimum 2014 amount must be $10,400.70 x 1.014 = $10,546.31. Corrected Certification Of Financial Assurance Form and Estimated Closure Cost form (enclosed) must be submitted before 3/27/14.
Eval Division:	Orange County Environmental Health
Eval Program:	CA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-22-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspections with/audit of Brian Carroll
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-22-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	A routine on-site hazardous waste inspection was conducted today. Access to the facility was provided by the EHS Sr. Engineer, Mike Maurer, and Kalani Mitchell, Sr. Quality Systems Engineer. Areas inspected included: - Fabrication Rooms - Hazardous waste treatment area (Acid Waste Neutralization System) - Drum rinsing room/bottle rinsing station - 90-day hazardous waste accumulation area behind the main building - Hazardous waste storage tanks (EKC and Solvent Tanks). Note: Hazardous waste storage tanks were viewable from all sides and secondary containment was observed. All hazardous waste tanks and containers viewed at this facility were stored closed, labeled and appeared to be in good condition. Empty 55-gallon drums that previously contained hazardous materials were labeled with the words,

JAZZ SEMICONDUCTOR (Continued) **S123531597**

G Empty,G and the date drums became empty. Universal wastes (including electronic devices, batteries, etc.) were observed labeled with the required information. Spill [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-25-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Met with Kevin Austin of Jazz Semiconductor. The facility is regulated under Program Level 2 for the following processes: - Anhydrous Ammonia (2,224 pounds) - Boron Trichloride (1,430 pounds) - Chlorine (1,238 pounds) - 49% Hydrofluoric Acid (3,588 pounds) - Hydrogen chloride (4,200 pounds) - 29% Aqua Ammonia (1,953 pounds). Aqua ammonia is a Program Level 1 RS but will be regulated as a Program level 2 RS to be consistent with the program. (3) separate contractors are on-site full time and handle the following: - Matheson - chlorine, hydrogen chloride, and boron trichloride - Air gas - Ammonia - Pentagon - Hydrofluoric acid. - RMP was certified on 6/30/2017. RMP was complete however needs to be reviewed and corrected to reflect current process conditions. The following prevention elements were verified: - Hazard Review was completed on: -12/2015 for chlorine. (11) Recommendations made. (5) Recommendations are still open. Please send this agency [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-16-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Mike O'Donnell
Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-31-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Attend PHA meeting for Ammonia processes
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-07-2011
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector Name: Mike O'Donnell
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-02-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Email correspondence with Kevin Austin of Jazz regarding RMP submittal and notification that Jaz Semi has completed the PHA for: - Boron Trichloride - Chlorine Gas
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-05-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Certified receipt card returned and signed. Dated 8-4-14. Scanned and updated files and HMSS AEO Spreadsheet.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-29-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On-site for a routine CalARP inspection. Met with EHS manager Kevin Austin of Jazz Semiconductor. This facility is regulated under CalARP Program Level 1 and 2 requirements for the following: - Anhydrous Ammonia (9,713 pounds)-Program Level 2; - 29% Aqueous Ammonia (4,500 pounds)-Program Level 1; - Boron Trichloride (1,430 pounds)- Program Level 2; - Chlorine (1,238 pounds)- Program Level 2; - Hydrogen Chloride (1,200/300 pounds) process/storage- Program Level 2. A complete facility walk through was conducted. Safety equipment was discussed. Documents needed for review: Prevention documents and Emergency Response training. Hazard Review: certification date could not be verified as changes to process had occurred. Complete document needs to be reviewed along with a tracking sheet for any recommendations. Compliance Audit: Complete document needs to be reviewed along with a tracking sheet for any recommendations. -- Registration: Registration for [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-08-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval Notes:	Update of all HMSS Files. Review of Main File. Update of AEO Folders. Company Review.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-21-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Participated in AEO hearing
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-21-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Prepare room. Review of COnsent Order.
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-30-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS: On-site for a follow up inspection and to discuss the open violations. Met with Mike Mauer this date. 1) Violation P202 has been abated. The BLC3 and HCL cylinders have been moved out of the storage area and into the toxic gas room on the 3rd floor of the base isolated building. The cylinders are stored in gas cabinets and are secured. 2) Violation P203 has been abated: Contractor Training: Training took place on 04/04/14. Record was observed this date. 3) Violation P203: Contractor/Site Operating Procedures annual certification: The TowerJazz and Matheson Operating Procedures have been certified. The Air Liquide and Pentagon certifications were not available. Discussed the need to have a document management system to verify or audit these annual certifications. According to Mr. Mauer this is being set up in their QSI system. TowerJazz will now have the responsibility and the tool to annually audit their contractor to ensure the annual [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-01-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received email from Rex Edwards in regards to the Consent Order and current terms. Informed Rex that the terms and due dates are ok and that the order needs to be signed then hand delivered. Penalty options also need to be clarified. Awaiting reply. CC to HCA/Lane and HCA/Long
Eval Division:	Orange County Environmental Health
Eval Program:	CalARP

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-02-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Revision of Consent Order with new penalty payment terms after emails with Rex Edwards, General Counsel for Towerjazz. Consent Order will need to be signed by HCA/Boelter. Hand delivery or EH meeting at counter for pick up and signature.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-11-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS: Received the following via email: 1) Chlorine System Action Tracking Log from 11/04/2010 showing that both items have been completed. This log has been initialed. 2) Signed copy of the 12/08/14 inspection report.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-29-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS: On-site for a CalARP Audit and to participate in the chlorine gas hazard review. Discussed the chlorine gas regulated process in detail. Also discussed the anhydrous ammonia tank repositioning project that is under way.
Eval Division: Orange County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Enforcement Action:
Site ID: 51752
Site Name: JAZZ SEMICONDUCTOR
Site Address: 4321 JAMBOREE RD MSCO 1-500
Site City: NEWPORT BEACH
Site Zip: 92660
Enf Action Date: 06-23-2014
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: $65,000.00. TOWERJAZZ 4321 JAMBOREE RD STE 503 NEWPORT BEACH, CA 92660 FA0038633 CALARP L2 PR0044446.
Enf Action Division: Orange County Environmental Health
Enf Action Program: CalARP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Kevin Austin

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Entity Title:	Not reported
Affiliation Address:	4321 Jamboree Road
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92660
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	4321 JAMBOREE RD
Affiliation City:	NEWPORT BEACH
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92660
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Kevin Austin
Entity Title:	Senior Environmental Engineer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Kevin Austin
Entity Title:	Senior Environmental Engineer, TowerJazz
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6000
Affiliation Type Desc:	Legal Owner
Entity Name:	NEWPORT FAB LLC
Entity Title:	Not reported
Affiliation Address:	4321 JAMBOREE
Affiliation City:	NEWPORT BEACH
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660
Affiliation Phone:	(949) 435-8000

JAZZ SEMICONDUCTOR (Continued) **S123531597**

Affiliation Type Desc:	Operator
Entity Name:	Dale Bogan
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 435-8479

Affiliation Type Desc:	Parent Corporation
Entity Name:	NEWPORT FAB LLC DBA JAZZ SEMICONDUCTOR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

D23 **RF NANO CORPORATION** **ENVIROSTOR** **1000273228**
SE **4311 JAMBOREE RD** **LUST** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660** **HIST UST**
0.106 mi. **Cortese**
560 ft. **Site 4 of 7 in cluster D** **ENF**
HAZNET
Relative: Higher **NPDES**
WDS
Actual: 54 ft. **CIWQS**
CERS
HWTS

ENVIROSTOR:

Name:	ROCKWELL SEMICONDUCTOR SYSTEMS
Address:	4311 JAMBOREE ROAD
City,State,Zip:	NEWPORT BEACH, CA 92660
Facility ID:	71002212
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:	33.66151
Longitude:	-117.8606

RF NANO CORPORATION (Continued) **1000273228**

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008371437
Alias Type: EPA Identification Number
Alias Name: 110000480097
Alias Type: EPA (FRS #)
Alias Name: 71002212
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:
Name: CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DIV.)
Address: 4311 JAMBOREE RD
City,State,Zip: NEWPORT BEACH, CA 92660
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900822
Global Id: T0605900822
Latitude: 33.6622804
Longitude: -117.8585994
Status: Open - Remediation
Status Date: 07/16/2010
Case Worker: CAB
RB Case Number: 083001040T
Local Agency: ORANGE COUNTY LOP
File Location: Not reported
Local Case Number: 85UT105
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Alcohols, Other Acid or Corrosive, Toluene, Acetone, * Solvents
Site History: Conexant Systems, Inc.s parent company, Rockwell International, purchased the facility in 1973. The property had been previously occupied by Collins Radio since 1959. In March 2002, Conexant entered a joint venture with the Carlyle Group to share ownership of the Site as Jazz Semiconductor, the current operator of the facility. Conexants operations at the approximately 25-acre site included the manufacture of semiconductor electronic components, and included the use of solvents that contained volatile organic compounds (VOCs), primarily tetrachloroethylene (PCE), trichloroethylene (TCE),

RF NANO CORPORATION (Continued) **1000273228**

acetone, and 1,4-dioxane. In January 1984, VOC-affected soil was detected during an investigation of a broken water line at the Site. The results of subsequent soil investigations indicated that the primary source of the VOCs were from the historic storage and use of solvents from past operations of two former solvent underground storage tanks (USTs) located in the area west of the current Jazz Semiconductor building. The past releases from the former USTs had impacted the underlying soil, soil vapor, and groundwater. Groundwater beneath the site generally flows to the west-northwest. The results of past investigations indicated that the groundwater beneath the Site has been significantly impacted by elevated concentrations of PCE and TCE, extending hundreds of feet downgradient (west-northwest) of the Site. The VOC-affected groundwater has been identified in two groundwater zones. The VOC-affected groundwater in the deeper groundwater zone extends off-site to the northwest, and has migrated over 1,000 feet off-site west-northwest across MacArthur Blvd. A groundwater pump-and-treat system began operation at the Site in 1986. The system was expanded in 1995 to include a downgradient injection barrier, to prevent migration of VOCs into the deeper groundwater. The system was shut down in July 2004 due to lack of compliance with the discharge limits for 1,4-dioxane. From 2002 to 2010, several pilot studies have been implemented to assess the feasibility of in situ bioremediation and chemical oxidation. In 2014, Conexant proposed to implement thermal resistance heating (TRH) to address the VOCs in the soil and shallow groundwater. TRH was not implemented due to the high cost, and because the proposed remedy did not address the VOCs in the deeper groundwater. A soil vapor extraction system operated at the site from 2008 to 2015. A pilot scale study is proposed to evaluate the feasibility of enhanced in situ bioremediation (EISB) of the VOCs in the shallow groundwater zone near the former underground storage tank area, and in the deeper groundwater zone near the leading edge of the off-site VOC groundwater plume along McArthur Blvd. (See Figures 1-4 and 1-5). EISB was selected as the groundwater cleanup method for the site, based on the findings that the underlying groundwater conditions promoted the natural degradation of the PCE and TCE into breakdown compounds. This EISB involves the injection of a vegetable oil mixture that serves as an electron donor and nutrient source for naturally occurring bacteria that destroy the chlorinated VOCs. The breakdown process generates a series of intermediate breakdown products, including vinyl chloride and ethenes, and ultimately, harmless end products. The goal of in-situ bioremediation is to feed the microbes to accelerate the rate of natural VOC degradation that is already occurring in groundwater at the site. To further enhance the VOC cleanup process, non-pathogenic, naturally-occurring bacteria (Dehalococcoides ethenogenes culture) are also added with the vegetable oil. These naturally-occurring bacteria have been used at several other sites in California for groundwater cleanup purposes. The bacterial population wanes once the vegetable oil is completely used up as a food sources. The Site is an active manufacturing facility with surrounding industrial and office buildings. The historical source area, identified as the Phase 2 area, is where a number of solvent and hydrocarbon underground storage tanks (USTs) were formerly located. This Phase 2 parcel is approximately 12.5 acres and lies north, northwest, and west of Building 503. The Phase 1 portion, south and east of the Site has undergone demolition in support of a mixed use and multi-unit residential facility

RF NANO CORPORATION (Continued) **1000273228**

development lead by Uptown Newport, L.P. (Uptown). The hydrogeologic units relevant to the Site and pilot study are described below: Unsaturated (Vadose) Zone By definition, the Unsaturated Zone extends from the ground surface to the top of the shallow groundwater zone (SGZ). The top of the SGZ fluctuates, but is typically found at a depth of 15. The SGZ is comprised of a heterogeneous mixture of fine-grained sand units within finer-grained silty sand, sandy silt, and clayey layers. Aquitard A Aquitard A is comprised of approximately 20 ft of fine-grained silts and clays beneath the SGZ. Intermediate Groundwater Zone (IGZ) - Beneath Aquitard A is a laterally continuous saturated zone approximately 20 to 40 ft thick comprised of sand, gravelly sand, and silty sand Volatile organic compounds (VOCs) from historical solvent and hydrocarbon UST releases have impacted subsurface soil and groundwater at the Site. As described in the CAP current COPCs for the SGZ and IGZ that are addressed by the EISB pilot test include;  1,1-dichloroethane,  1,1-dichloroethene,  cis-1,2-dichloroethene,  trans-1,2-dichloroethene, and  vinyl chloride. Assessment of soil and groundwater conditions began at the Site as early as 1984. Remedial activities in each of these zones are summarized below. .Remediation activities within the vadose zone consist primarily of multiple UST removals, soil excavation, and soil vapor extraction (SVE) system operation. A timeline of historical remedial activities within the vadose zone is as follows: 1984 through 1986 - SVE in the historical source area started; August 2007 High vacuum SVE and dual-phase extraction (DPE) pilot test conducted in the historical source area; July 2008 High vacuum SVE in the historical source area begins; May 2010 Bench scale treatability study conducted to assess ISCO injections using base-activated sodium persulfate to treat vadose zone soil impacts; Late 2009/Early 2010 SVE system shutdown for 5 months due to permitting delays; March 2010 Samples of vapor from the SVE system were collected following the system shutdown in an ad hoc rebound test; December 2013 High vacuum SVE system shutdown due to blower malfunction; February 2014 High vacuum SVE system restarted; and January 2016 High vacuum SVE system shut down, decommissioned and removed from the Site. Shallow Groundwater Zone (SGZ) Groundwater monitoring of the SGZ began in 1985 [JHA, 2018] and continues at present. Based on records of groundwater monitoring data, quarterly sampling was conducted from 1985 to 2004 and annual groundwater sampling has been conducted from 2004 to present. For the 2018 annual sampling event conducted in July 24 SGZ wells were gauged and sampled. Remedial activities in the SGZ have included pump and treat, biological and chemical oxidation technologies. A timeline of historical remedial activities conducted in the SGZ include: September 1986 Groundwater extraction and treatment started in the SGZ beneath the historical source area [H&A, 2005; Circa 1988/1989 Groundwater extraction and treatment in the SGZ stopped; July 1991 Groundwater extraction and treatment expanded and restarted near the SGZ beneath the historical source area; 2001 Groundwater extraction and treatment in the SGZ stopped; September 2006 Sixty day bio-trap pilot test conducted in SGZ wells ES-2, KSKO-2, and M-40; August 2007 High vacuum DPE pilot test conducted on SGZ well SZT-1; January 2009 Pilot test for the injection of a biostimulant emulsion called 3-D Micro-emulsion (3DMe) conducted on well SZT-1; December 2009 Bench scale treatability study conducted to assess the potential for ISCO injections using base-activated sodium persulfate [JAG, 2010a]; and

RF NANO CORPORATION (Continued) **1000273228**

July 2010 Installation of six SGZ wells and a test ISCO injection for base activated sodium persulfate. Intermediate Groundwater Zone (IGZ) Groundwater monitoring of the IGZ began in 1989. A timeline of historical remedial activities in the IGZ include the following: September 1986 Groundwater extraction and treatment initiated in the IGZ beneath the historical source area; Circa 1988/1989 Groundwater extraction and treatment in the IGZ stopped; January 1990 Expanded groundwater extraction and treatment started in the IGZ; March 1996 Recharge wells RI-1 and RI-2 activated to help create a hydraulic barrier to prevent migration of impacts off site; May 1995 Recharge wells RI-3, RI-14 (I-14), and RI-17 (I-17) added to recharge system ; March 1999 Recharge well RI-17 deactivated; 2001 In-situ bioremediation pilot study performed using ethanol to stimulate reductive dechlorination of chlorinated solvent impacts at IGZ well I-9; January 2002 Recharge well RI-14 deactivated; December 2002 Recharge well RI-4 added to recharge system; July 2004 Extraction from IGZ suspended and the treatment system shut down due to 1,4-dioxane being discovered in treatment system effluent; September 2006 Sixty day bio-trap pilot test conducted in IGZ wells I-7, I-9, and I-11 [H&A, 2006]; and March 2008 Recharge system shut down with regulatory approval of the SA-RWQCB Historical Site investigations and remedial activities in each of these zones are summarized below. Unsaturated (Vadose) Zone Multiple soil and soil vapor investigations have been conducted to assess impacts to the vadose zone at the Site. The majority of these studies have focused on the impacts within the historical source area. Remediation activities within the vadose zone consist primarily of multiple UST removals, soil excavation, and soil vapor extraction (SVE) system operation. A timeline of historical remedial activities within the vadose zone is as follows: 1984 through 1986 - SVE in the historical source area started; August 2007 High vacuum SVE and dual-phase extraction (DPE) pilot test conducted in the historical source area; July 2008 High vacuum SVE in the historical source area begins; May 2010 Bench scale treatability study conducted to assess ISCO injections using base-activated sodium persulfate to treat vadose zone soil impacts [JAG, 2010a]; Late 2009/Early 2010 SVE system shutdown for 5 months due to permitting delays; March 2010 Samples of vapor from the SVE system were collected following the system shutdown in an ad hoc rebound test; December 2013 High vacuum SVE system shutdown due to blower malfunction; February 2014 High vacuum SVE system restarted; and January 2016 High vacuum SVE system shut down, decommissioned and removed from the Site. Shallow Groundwater Zone (SGZ) Groundwater monitoring of the SGZ began in 1985 and continues at present. Remedial activities in the SGZ have included pump and treat, biological and chemical oxidation technologies. A timeline of historical remedial activities conducted in the SGZ include: September 1986 Groundwater extraction and treatment started in the SGZ beneath the historical source area ; Circa 1988/1989 Groundwater extraction and treatment in the SGZ stopped; July 1991 Groundwater extraction and treatment expanded and restarted near the SGZ beneath the historical source area; 2001 Groundwater extraction and treatment in the SGZ stopped ; September 2006 Sixty day bio-trap pilot test conducted in SGZ wells ES-2, KSKO-2, and M-40; August 2007 High vacuum DPE pilot test conducted on SGZ well SZT-1 [JHA, 2007]; January 2009 Pilot test for the injection of a biostimulant emulsion called 3-D Micro-emulsion (3DMe) conducted on well SZT-1 [WSP, 2009]; December 2009 Bench scale treatability study conducted to assess the

RF NANO CORPORATION (Continued) **1000273228**

potential for ISCO injections using base-activated sodium persulfate; and July 2010 Installation of six SGZ wells and a test ISCO injection for base activated sodium persulfate. Intermediate Groundwater Zone (IGZ) Groundwater monitoring of the IGZ began in 1989. Remedial activities within the IGZ have included groundwater extraction and treatment, injection wells to create a hydraulic barrier to down gradient migration, and pilot studies EISB. A timeline of historical remedial activities in the IGZ include the following: September 1986 Groundwater extraction and treatment initiated in the IGZ beneath the historical source area; Circa 1988/1989 Groundwater extraction and treatment in the IGZ stopped; January 1990 Expanded groundwater extraction and treatment started in the IGZ; March 1996 Recharge wells RI-1 and RI-2 activated to help create a hydraulic barrier to prevent migration of impacts off site; May 1995 Recharge wells RI-3, RI-14 (I-14), and RI-17 (I-17) added to recharge system; March 1999 Recharge well RI-17 deactivated; 2001 In-situ bioremediation pilot study performed using ethanol to stimulate reductive dechlorination of chlorinated solvent impacts at IGZ well I-9 [JHA, 2008]; January 2002 Recharge well RI-14 deactivated; December 2002 Recharge well RI-4 added to recharge system; July 2004 Extraction from IGZ suspended and the treatment system shut down due to 1,4-dioxane being discovered in treatment system effluent; September 2006 Sixty day bio-trap pilot test conducted in IGZ wells I-7, I-9, and I-11; and March 2008 Recharge system shut down with regulatory approval of the SA-RWQCB

LUST:
Global Id: T0605900822
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: carl.bernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605900822
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

LUST:
Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 10/06/2004
Action: Administrative Civil Liabilities Complaint

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 10/27/2004
Action: Staff Letter

Global Id: T0605900822

RF NANO CORPORATION (Continued) **1000273228**

Action Type: ENFORCEMENT
Date: 10/29/2004
Action: Amendment to Order

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 05/02/2006
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/05/2016
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/07/2016
Action: Meeting

Global Id: T0605900822
Action Type: Other
Date: 01/17/1984
Action: Leak Discovery

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 03/30/2003
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 02/08/2018
Action: Remedial Progress Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 08/01/2018
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 05/04/2018

RF NANO CORPORATION (Continued) **1000273228**

Action:	NPDES / WDR Reports
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	07/06/2007
Action:	Meeting
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	08/16/2011
Action:	Staff Letter
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	06/09/2011
Action:	Staff Letter
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	11/22/2011
Action:	Meeting
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	12/13/2011
Action:	Verbal Enforcement
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	02/07/2017
Action:	Waste Discharge Requirements - #RB8-2017-010
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	09/14/2004
Action:	Other Report / Document
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	07/26/2016
Action:	Remedial Progress Report
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	01/30/2018
Action:	Monitoring Report - Semi-Annually
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	11/19/2014
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	12/04/2014
Action:	Email Correspondence - Regulator Responded

RF NANO CORPORATION (Continued) **1000273228**

Global Id: T0605900822
Action Type: RESPONSE
Date: 11/20/2015
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605900822
Action Type: RESPONSE
Date: 02/05/2016
Action: Email Correspondence - Regulator Responded

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/23/2014
Action: Well Installation Workplan - Regulator Responded

Global Id: T0605900822
Action Type: RESPONSE
Date: 03/10/2016
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0605900822
Action Type: RESPONSE
Date: 04/12/2016
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0605900822
Action Type: RESPONSE
Date: 05/13/2016
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 05/23/1986
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 09/26/1995
Action: Staff Letter

Global Id: T0605900822
Action Type: Other
Date: 06/07/1985
Action: Leak Stopped

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE

RF NANO CORPORATION (Continued) **1000273228**

Date: 10/15/2004
Action: Other Report / Document

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/14/2004
Action: Other Report / Document

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: REMEDIATION
Date: 07/01/1991
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605900822
Action Type: REMEDIATION
Date: 07/29/2008
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900822
Action Type: REMEDIATION
Date: 07/12/2010
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605900822
Action Type: REMEDIATION
Date: 10/30/1984
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900822
Action Type: REMEDIATION
Date: 10/01/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900822
Action Type: REMEDIATION
Date: 03/15/2010
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900822
Action Type: REMEDIATION
Date: 06/07/1985
Action: Excavation

Global Id: T0605900822
Action Type: REMEDIATION
Date: 09/30/2001
Action: In Situ Biological Treatment

RF NANO CORPORATION (Continued) **1000273228**

Global Id: T0605900822
Action Type: REMEDIATION
Date: 12/01/1985
Action: Excavation

Global Id: T0605900822
Action Type: REMEDIATION
Date: 01/17/1984
Action: Excavation

Global Id: T0605900822
Action Type: REMEDIATION
Date: 06/08/2005
Action: Excavation

Global Id: T0605900822
Action Type: REMEDIATION
Date: 01/01/1998
Action: Excavation

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 03/05/2008
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 10/04/2004
Action: Waste Discharge Requirements

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/06/1990
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 08/24/1995
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/15/1996
Action: Waste Discharge Requirements

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/19/1990
Action: Unauthorized Release Form

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 03/14/1985
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT

RF NANO CORPORATION (Continued) **1000273228**

Date: 05/02/1991
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 06/03/1996
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 07/18/2013
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 01/26/2005
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 01/18/1984
Action: Unauthorized Release Form

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/11/2013
Action: Meeting

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/12/2007
Action: Other Workplan

Global Id: T0605900822
Action Type: RESPONSE
Date: 05/09/2011
Action: Soil Vapor Intrusion Investigation Workplan

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/07/2011
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 02/13/2012
Action: Risk Assessment Report

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 10/22/2008
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 02/05/2008
Action: Meeting

RF NANO CORPORATION (Continued) **1000273228**

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 03/05/2008
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 02/14/1996
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/16/1996
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/13/1995
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/06/1998
Action: Unauthorized Release Form

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/25/1990
Action: Notification - Proposition 65

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 09/05/1995
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/19/1990
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 02/27/2008
Action: Staff Letter

Global Id: T0605900822
Action Type: Other
Date: 01/18/1984
Action: Leak Reported

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE

RF NANO CORPORATION (Continued) **1000273228**

Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 11/09/2007
Action: CAP/RAP - Feasibility Study Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 09/28/2005
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 06/13/1991
Action: Waste Discharge Requirements

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 07/14/1986
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/24/1992
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 05/31/2001
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 10/08/1990
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/01/2012
Action: Staff Letter

Global Id: T0605900822
Action Type: RESPONSE
Date: 05/30/2012
Action: Monitoring Report - Annually

RF NANO CORPORATION (Continued) **1000273228**

Global Id: T0605900822
Action Type: RESPONSE
Date: 05/30/2011
Action: Monitoring Report - Annually

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/13/2006
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 08/14/2008
Action: Verbal Enforcement

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 01/06/2009
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 09/26/2013
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/04/2014
Action: Email Correspondence

Global Id: T0605900822
Action Type: RESPONSE
Date: 12/12/2008
Action: Pilot Study / Treatability Workplan

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/15/2008
Action: Pilot Study / Treatability Workplan

Global Id: T0605900822
Action Type: RESPONSE
Date: 02/15/2008
Action: Interim Remedial Action Plan

Global Id: T0605900822
Action Type: RESPONSE
Date: 02/15/2008
Action: Other Workplan

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE

RF NANO CORPORATION (Continued) **1000273228**

Date: 07/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/18/2008
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2008
Action: Other Workplan

Global Id: T0605900822
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/09/2013
Action: Verbal Communication

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/22/2002
Action: Waste Discharge Requirements

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 06/21/2002
Action: File review

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/25/2009
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 01/14/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 03/12/2015
Action: Waste Discharge Requirements

RF NANO CORPORATION (Continued) **1000273228**

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 03/24/2014
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 02/20/2020
Action: Meeting

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 08/30/2007
Action: Soil and Water Investigation Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 03/27/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 07/30/2002
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/27/2002
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/21/2010
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 05/19/2010
Action: Verbal Enforcement

Global Id: T0605900822
Action Type: ENFORCEMENT

RF NANO CORPORATION (Continued) **1000273228**

Date: 05/19/2010
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 10/10/2014
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 08/18/2015
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 01/23/2014
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 02/13/2014
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/08/2020
Action: Staff Letter

Global Id: T0605900822
Action Type: RESPONSE
Date: 08/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 11/13/2008
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2009
Action: Remedial Progress Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/30/2009
Action: Remedial Progress Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2009
Action: Soil and Water Investigation Report

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/03/2004
Action: Staff Letter

RF NANO CORPORATION (Continued) **1000273228**

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 07/21/2014
Action: Staff Letter

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/30/2002
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/11/2002
Action: CAP/RAP - Feasibility Study Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/11/2002
Action: Other Report / Document

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/30/2003
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/30/2003
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 12/30/2003
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 03/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE

RF NANO CORPORATION (Continued) **1000273228**

Date: 12/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 12/30/2002
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 03/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 11/30/2015
Action: Verbal Communication

LUST:
Global Id: T0605900822
Status: Open - Case Begin Date
Status Date: 03/16/1987

Global Id: T0605900822
Status: Open - Site Assessment
Status Date: 10/06/1988

Global Id: T0605900822
Status: Open - Remediation
Status Date: 11/22/1989

Global Id: T0605900822
Status: Open - Remediation
Status Date: 03/01/2001

Global Id: T0605900822
Status: Open - Site Assessment
Status Date: 08/23/2007

Global Id: T0605900822
Status: Open - Remediation
Status Date: 07/16/2010

HIST UST:
Name: ROCKWELL INTERNATIONAL CORPORA

RF NANO CORPORATION (Continued) **1000273228**

Address:	4311 JAMBOREE RD
City,State,Zip:	NEWPORT BEACH, CA 92660
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000042137
Facility Type:	Other
Other Type:	I.C. MANUFACTURER
Contact Name:	W.D. WILKENS
Telephone:	7148334395
Owner Name:	ROCKWELL INTERNATIONAL CORPORA
Owner Address:	4311 JAMBOREE BLVD
Owner City,St,Zip:	NEWPORT BEACH, CA 92660
Total Tanks:	0009
Tank Num:	001
Container Num:	006
Year Installed:	1977
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	12
Leak Detection:	None
Tank Num:	002
Container Num:	005
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	004
Year Installed:	1982
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	12
Leak Detection:	None
Tank Num:	004
Container Num:	003
Year Installed:	1981
Tank Capacity:	00004000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	None
Tank Num:	005
Container Num:	002
Year Installed:	1977
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL

RF NANO CORPORATION (Continued) **1000273228**

Container Construction Thickness: 5/16
Leak Detection: None

Tank Num: 006
Container Num: 002
Year Installed: 1977
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 5/16
Leak Detection: None

Tank Num: 007
Container Num: 001
Year Installed: 1974
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 008
Container Num: 001
Year Installed: 1974
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 009
Container Num: 1
Year Installed: 1985
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: /16 2
Leak Detection: Stock Inventor, Sensor Instrument, 10

CORTESE:
Name: CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DIV.)
Address: 4311 JAMBOREE RD
City,State,Zip: NEWPORT BEACH, CA 92660
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605900822
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - REMEDIATION
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported

RF NANO CORPORATION (Continued) **1000273228**

Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

ENF:

Name:	FORMER CONEXANT SYSTEMS
Address:	4311 JAMBOREE ROAD
City,State,Zip:	NEWPORT BEACH, CA
Region:	8
Facility Id:	228414
Agency Name:	Conexant Systems Inc
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.66132
Place Longitude:	-117.86081
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:	0.3168
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Contaminated soil
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 302679001
Reg Measure Id:	205963
Reg Measure Type:	Enrollee
Region:	8
Order #:	R8-2002-0007
Npdes# CA#:	CAG918001
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No

RF NANO CORPORATION (Continued) **1000273228**

Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	03/14/2014
Effective Date:	06/07/1991
Expiration/Review Date:	Not reported
Termination Date:	10/29/2008
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:	15 - WDRs pending rescission
Direction/Voice:	Passive
Enforcement Id(EID):	253475
Region:	8
Order / Resolution Number:	R8-2004-0087
Enforcement Action Type:	Admin Civil Liability
Effective Date:	10/05/2004
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:	MPC R8-2004-0087 for Conexant Systems Inc
Description:	Discharge violation for 1,4-dioxane and for late reporting
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	1/5/2005
# Of Programs1:	1
Total Assessment Amount:	33000
Initial Assessed Amount:	9000
Liability $ Amount:	9000
Project $ Amount:	0
Liability $ Paid:	9000
Project $ Completed:	0
Total $ Paid/Completed Amount:	33000

HAZNET:

Name:	RF NANO CORPORATION
Address:	4311 JAMBOREE RD
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926603007
Contact:	KATHY VANCURA
Telephone:	9492019879
Mailing Name:	Not reported
Mailing Address:	4311 JAMBOREE RD STE 150
Year:	2013
Gepaid:	CAC002744371
TSD EPA ID:	CAD044429835
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

RF NANO CORPORATION (Continued) **1000273228**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.018

Additional Info:

Year:	2013
Gen EPA ID:	CAC002744371
Shipment Date:	20131017
Creation Date:	12/4/2013 22:15:18
Receipt Date:	20131029
Manifest ID:	011615407JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131017
Creation Date:	12/4/2013 22:15:18
Receipt Date:	20131029
Manifest ID:	011615407JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	P030
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

RF NANO CORPORATION (Continued) **1000273228**

Shipment Date:	20131017
Creation Date:	12/4/2013 22:15:18
Receipt Date:	20131029
Manifest ID:	011615407JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	U188
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	U052
Additional Code 2:	D026
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131017
Creation Date:	12/4/2013 22:15:18
Receipt Date:	20131029
Manifest ID:	011615407JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NPDES:

Name:	UPTOWN NEWPORT
Address:	4311 JAMBOREE ROAD
City,State,Zip:	NEWPORT BEACH, CA 92660
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported

RF NANO CORPORATION (Continued) **1000273228**

Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 30C369470
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	04/17/2014
Operator Name:	TSG Parcel 1 LLC
Operator Address:	2 Park Plaza
Operator City:	Irvine
Operator State:	California
Operator Zip:	92614

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	444429
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 30C369470
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/17/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	TSG Parcel 1 LLC
Discharge Address:	2 Park Plaza
Discharge City:	Irvine
Discharge State:	California
Discharge Zip:	92614
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported

RF NANO CORPORATION (Continued) **1000273228**

Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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:	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
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	444429
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	8 30C369470
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

RF NANO CORPORATION (Continued) **1000273228**

Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	03/31/2014
Processed Date:	04/17/2014
Status:	Active
Status Date:	04/17/2014
Place Size:	14.72
Place Size Unit:	Acres
Contact:	John Santry
Contact Title:	Not reported
Contact Phone:	949-417-1867
Contact Phone Ext:	Not reported
Contact Email:	jsantry@shopoff.com
Operator Name:	TSG Parcel 1 LLC
Operator Address:	2 Park Plaza
Operator City:	Irvine
Operator State:	California
Operator Zip:	92614
Operator Contact:	John Santry
Operator Contact Title:	Not reported
Operator Contact Phone:	949-417-1867
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	jsantry@shopoff.com
Operator Type:	Private Business
Developer:	TSG Parcel 1 LLC
Developer Address:	2 Park Plaza
Developer City:	Irvine
Developer State:	California
Developer Zip:	92614
Developer Contact:	John Santry
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	Y
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Diego Creek Reach 1
Certifier:	John Santry
Certifier Title:	Executive Vice President

RF NANO CORPORATION (Continued) **1000273228**

Certification Date:	31-MAR-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	UPTOWN NEWPORT
Address:	4311 JAMBOREE ROAD
City,State,Zip:	NEWPORT BEACH, CA 92660
Facility Status:	Active
NPDES Number:	CAS000002
Region:	8
Agency Number:	0
Regulatory Measure ID:	444429
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	8 30C369470
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/17/2014
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2 Park Plaza
Discharge Name:	TSG Parcel 1 LLC
Discharge City:	Irvine
Discharge State:	California
Discharge Zip:	92614
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	444429
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 30C369470
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/17/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	TSG Parcel 1 LLC
Discharge Address:	2 Park Plaza
Discharge City:	Irvine
Discharge State:	California
Discharge Zip:	92614
Received Date:	Not reported
Processed Date:	Not reported

RF NANO CORPORATION (Continued) **1000273228**

Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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:	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
Status:	Not reported

RF NANO CORPORATION (Continued) **1000273228**

Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	444429
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	8 30C369470
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:	03/31/2014
Processed Date:	04/17/2014
Status:	Active
Status Date:	04/17/2014
Place Size:	14.72
Place Size Unit:	Acres
Contact:	John Santry
Contact Title:	Not reported
Contact Phone:	949-417-1867
Contact Phone Ext:	Not reported
Contact Email:	jsantry@shopoff.com
Operator Name:	TSG Parcel 1 LLC
Operator Address:	2 Park Plaza
Operator City:	Irvine
Operator State:	California
Operator Zip:	92614
Operator Contact:	John Santry
Operator Contact Title:	Not reported
Operator Contact Phone:	949-417-1867
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	jsantry@shopoff.com
Operator Type:	Private Business
Developer:	TSG Parcel 1 LLC
Developer Address:	2 Park Plaza
Developer City:	Irvine
Developer State:	California
Developer Zip:	92614
Developer Contact:	John Santry
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N

RF NANO CORPORATION (Continued) **1000273228**

Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	Y
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Diego Creek Reach 1
Certifier:	John Santry
Certifier Title:	Executive Vice President
Certification Date:	31-MAR-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	NEWPORT FAB LLC
Address:	4311 JAMBOREE
City:	NEWPORT BEACH
Facility ID:	Santa Ana River 30I017119
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:	9494834185
Facility Contact:	ERIC MOSCHET
Agency Name:	NEWPORT FAB LLC
Agency Address:	PO BOX C
Agency City,St,Zip:	NEWPORT BEACH 92660
Agency Contact:	ERIC MOSCHET
Agency Telephone:	9494834185
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

RF NANO CORPORATION (Continued) **1000273228**

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 thosewho 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:

Name:	UPTOWN NEWPORT
Address:	4311 JAMBOREE ROAD
City,State,Zip:	NEWPORT BEACH, CA 92660
Agency:	TSG Parcel 1 LLC
Agency Address:	2 Park Plaza Suite 700, Irvine, CA 92614
Place/Project Type:	Construction - Commercial, Residential
SIC/NAICS:	Not reported
Region:	8
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	8 30C369470
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	04/17/2014
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:	33.66132
Longitude:	-117.860814

Name:	FORMER CONEXANT SYSTEMS
Address:	4311 JAMBOREE ROAD
City,State,Zip:	NEWPORT BEACH, CA 92660
Agency:	Conexant Systems Inc
Agency Address:	1901 Main Street 300, Irvine, CA 92614
Place/Project Type:	Other
SIC/NAICS:	4959
Region:	8
Program:	NPDESWW, NPDNONMUNIPRCS, UST
Regulatory Measure Status:	Active
Regulatory Measure Type:	WDR
Order Number:	R8-2017-0010
WDID:	8 303644001
NPDES Number:	Not reported
Adoption Date:	02/03/2017
Effective Date:	02/03/2017
Termination Date:	Not reported
Expiration/Review Date:	02/03/2032

RF NANO CORPORATION (Continued) **1000273228**

Design Flow:	Not reported
Major/Minor:	Minor
Complexity:	B
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.66132
Longitude:	-117.86081

CERS:

Name:	CONEXANT SYSTEMS INC
Address:	4311 JAMBOREE ROAD
City,State,Zip:	NEWPORT BEACH, CA 92660-3007
Site ID:	462006
CERS ID:	110000480097
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Public Contact
Entity Name:	Scott Allen
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Name:	CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DIV.)
Address:	4311 JAMBOREE RD
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	199704
CERS ID:	T0605900822
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DENAMARIE BAKER - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 E. DYER ROAD, STE. 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336255

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824495

RF NANO CORPORATION (Continued) **1000273228**

Name: UPTOWN NEWPORT
Address: 4311 JAMBOREE ROAD
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 545608
CERS ID: 827934
CERS Description: Construction Storm Water

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 12-22-2015
Violations Found: No
Eval Type: Construction Storm Water Compliance Evaluation
Eval Notes: Regional Board staff drove by the above site during a rain event on December 22, 2015. Rock and rumble plates were installed at the construction entrance/exit; however, minor trackout was observed on Fairchild Road. Heavy equipment was parked on-site, and at least one piece of equipment was operating. Site will be revisited for a full compliance inspection.
Eval Division: Water Boards
Eval Program: CONSTW
Eval Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: TSG Parcel 1 LLC
Entity Title: Operator
Affiliation Address: 2 Park PlazaSuite 700
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92614
Affiliation Phone: Not reported

HWTS:
Name: RF NANO CORPORATION
Address: 4311 JAMBOREE RD
Address 2: SUITE 150
City,State,Zip: NEWPORT BEACH, CA 926603007
EPA ID: CAC002744371
Inactive Date: 12/18/2013
Create Date: 09/18/2013
Last Act Date: 12/19/2013
Mailing Name: Not reported
Mailing Address: 4311 JAMBOREE RD STE 150
Mailing Address 2: Not reported
Mailing City,State,Zip: NEWPORT BEACH, CA 926603007
Owner Name: RF NANO CORPORATION
Owner Address: 4311 JAMBOREE RD STE 150
Owner Address 2: Not reported
Owner City,State,Zip: NEWPORT BEACH, CA 926603007
Contact Name: KATHY VANCURA
Contact Address: 4311 JAMBOREE RD STE 150
Contact Address 2: Not reported
City,State,Zip: NEWPORT BEACH, CA 926603007

NAICS:

RF NANO CORPORATION (Continued) **1000273228**

EPA ID:	CAC002744371
Create Date:	2013-09-18 11:12:57
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2013-09-18 11:12:57
Inactive Date:	2013-12-18 11:12:57
Facility Name:	RF NANO CORPORATION
Facility Address:	4311 JAMBOREE RD
Facility Address 2:	SUITE 150
Facility City:	NEWPORT BEACH
Facility County:	30
Facility State:	CA
Facility Zip:	926603007

D24 **SYNAPTICS** **RCRA NonGen / NLR** **1024872880**
SE **4311 JAMBOREE RD** **CAL000441528**
< 1/8 **NEWPORT BEACH, CA 92660**
0.106 mi.
560 ft. **Site 5 of 7 in cluster D**

Relative:
Higher

Actual:
54 ft.

RCRA NonGen / NLR:

Date form received by agency:	2018-12-05 00:00:00.0
Facility name:	SYNAPTICS
Facility address:	4311 JAMBOREE RD NEWPORT BEACH, CA 92660
EPA ID:	CAL000441528
Mailing address:	1251 MCKAY DR SAN JOSE, CA 95131
Contact:	BRIAN HILL
Contact address:	1251 MCKAY DR SAN JOSE, CA 95131
Contact country:	Not reported
Contact telephone:	650-235-5550
Contact email:	BRIAN.HILL@SYNAPTICS.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SYNAPTICS 1901 MAIN LLC AN OREGON CO
Owner/operator address:	1251 MCKAY DR SAN JOSE, CA 95131
Owner/operator country:	Not reported
Owner/operator telephone:	650-235-5550
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	BRIAN HILL
Owner/operator address:	1251 MCKAY DR SAN JOSE, CA 95131
Owner/operator country:	Not reported

SYNAPTICS (Continued) **1024872880**

Owner/operator telephone: 650-235-5550
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
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

D25 **NALCO COMPANY** **RCRA NonGen / NLR** **1024777926**
SE **4321 JAMBOREE ROAD** **CAC002997870**
< 1/8 **NEWPORT BEACH, CA 92660**
0.106 mi.
560 ft. **Site 6 of 7 in cluster D**

Relative: **Higher**
Actual: **54 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2019-01-23 00:00:00.0
Facility name: NALCO COMPANY
Facility address: 4321 JAMBOREE ROAD
NEWPORT BEACH, CA 92660
EPA ID: CAC002997870
Mailing address: 1601 W. DIEHAL RD
NAPERVILLE, IL 60563-1198
Contact: NOEL GANAY
Contact address: 1601 W. DIEHAL RD
NAPERVILLE, IL 60563-1198
Contact country: Not reported
Contact telephone: 630-305-1982
Contact email: JESSICA@UNITEDPUMPING.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NALCO COMPANY
Owner/operator address: 1601 W. DIEHAL RD
NAPERVILLE, IL 60563
Owner/operator country: Not reported
Owner/operator telephone: 630-305-1982

NALCO COMPANY (Continued) **1024777926**

Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOEL GANAY
Owner/operator address:	1601 W. DIEHAL RD NAPERVILLE, IL 60563
Owner/operator country:	Not reported
Owner/operator telephone:	630-305-1982
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
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

D26 **ROCKWELL INTERNATIONAL CORPORA** **HIST UST** **S118414818**
SE **4311 JAMBOREE BLVD** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.106 mi.
560 ft. **Site 7 of 7 in cluster D**

Relative:
Higher

Actual:
54 ft.

HIST UST:

Name:	ROCKWELL INTERNATIONAL CORPORA
Address:	4311 JAMBOREE BLVD
City,State,Zip:	NEWPORT BEACH, CA 92660
File Number:	0002ED52
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ED52.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported

ROCKWELL INTERNATIONAL CORPORA (Continued) **S118414818**

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:

27
NNE
1/8-1/4
0.142 mi.
751 ft.

HAYNIE & COMPANY
4910 CAMPUS DR
NEWPORT BEACH, CA 92660

RCRA NonGen / NLR **1024773023**
CAC002992940

Relative:
Lower

Actual:
49 ft.

RCRA NonGen / NLR:

Date form received by agency:	2018-12-13 00:00:00.0
Facility name:	HAYNIE & COMPANY
Facility address:	4910 CAMPUS DR NEWPORT BEACH, CA 92660
EPA ID:	CAC002992940
Contact:	SHERI GLASS
Contact address:	4910 CAMPUS DR NEWPORT BEACH, CA 92660
Contact country:	Not reported
Contact telephone:	949-724-1880
Contact email:	CHRIS@JCENVIRONMENTALINC.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	HAYNIE & COMPANY
Owner/operator address:	4910 CAMPUS DR NEWPORT BEACH, CA 92660
Owner/operator country:	Not reported
Owner/operator telephone:	949-724-1880
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	SHERI GLASS
Owner/operator address:	4910 CAMPUS DR NEWPORT BEACH, CA 92660
Owner/operator country:	Not reported
Owner/operator telephone:	949-724-1880

HAYNIE & COMPANY (Continued) **1024773023**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
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

E28 **U C IRVINE MEDICAL CENTER** **HIST CORTESE** **S101299749**
ESE **19172** **N/A**
1/8-1/4 **IRVINE, CA 92714**
0.148 mi.
780 ft. **Site 1 of 4 in cluster E**

Relative: Higher
Actual: 56 ft.

HIST CORTESE:
edr_fname: U C IRVINE MEDICAL CENTER
edr_fadd1: 19172
City,State,Zip: IRVINE, CA 92714
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001007T

F29 **EMERALD CLEANERS** **RCRA-SQG** **1001111788**
WNW **4341 MCARTHUR BLVD** **FINDS** **CAR000013268**
1/8-1/4 **NEWPORT BEACH, CA 92660** **ECHO**
0.149 mi. **DRYCLEANERS**
785 ft. **Site 1 of 5 in cluster F** **HAZNET**
HWTS

Relative: Higher
Actual: 52 ft.

RCRA-SQG:
Date form received by agency: 1996-06-20 00:00:00.0
Facility name: EMERALD CLEANERS
Facility address: 4341 MCARTHUR BLVD
NEWPORT BEACH, CA 92660
EPA ID: CAR000013268
Mailing address: MCARTHUR BLVD
NEWPORT BEACH, CA 92660

EMERALD CLEANERS (Continued) **1001111788**

Contact: HOUSHANG HAKIMDAUR
Contact address: 4341 MCARTHUR BLVD
NEWPORT BEACH, CA 92660
Contact country: US
Contact telephone: 714-724-9666
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: HOUSHANG HAKIMDAUR
Owner/operator address: 4341 MCARTHUR BLVD
NEWPORT BEACH, CA 92660
Owner/operator country: Not reported
Owner/operator telephone: 714-724-9666
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
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: 110002912670
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002912670

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.

EMERALD CLEANERS (Continued) **1001111788**

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:	1001111788
Registry ID:	110002912670
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002912670
Name:	EMERALD CLEANERS
Address:	4341 MCARTHUR BLVD
City,State,Zip:	NEWPORT BEACH, CA 92660

DRYCLEANERS:

Name:	EMERALD CLEANERS
Address:	4341 MCARTHUR BLVD
City,State,Zip:	NEWPORT BEACH, CA 926600000
EPA Id:	CAR000013268
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	02/26/1997
Facility Active:	No
Inactive Date:	06/30/2014
Facility Addr2:	Not reported
Owner Name:	HOUSHANG HAKIMDAVAR
Owner Address:	4341 MACARTHUR BLVD
Owner Address 2:	Not reported
Owner Telephone:	9497249666
Contact Name:	HOUSHANG HAKIMDAVAR
Contact Address:	4341 MACARTHUR BLVD
Contact Address 2:	Not reported
Contact Telephone:	9497249666
Mailing Name:	Not reported
Mailing Address 1:	19 TENNESSEE
Mailing Address 2:	Not reported
Mailing City:	IRVINE
Mailing State:	CA
Mailing Zip:	926060000
Owner Fax:	0000000000
Region Code:	4

HAZNET:

Name:	EMERALD CLEANERS
Address:	4341 MCARTHUR BLVD
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926600000
Contact:	HOUSHANG HAKIMDAVAR
Telephone:	9497249666
Mailing Name:	Not reported
Mailing Address:	4341 MACARTHUR BLVD

EMERALD CLEANERS (Continued) **1001111788**

Year:	2007
Gepaid:	CAR000013268
TSD EPA ID:	CAT000613893
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Year:	2007
Gepaid:	CAR000013268
TSD EPA ID:	CAT000613893
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	Not reported
Year:	2006
Gepaid:	CAR000013268
TSD EPA ID:	CAT000613893
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	Not reported
Year:	2006
Gepaid:	CAR000013268
TSD EPA ID:	CAT000613893
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.075
Year:	2006
Gepaid:	CAR000013268
TSD EPA ID:	CAT000613893
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05
Year:	2005
Gepaid:	CAR000013268
TSD EPA ID:	CAT000613893
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.15
Year:	2004
Gepaid:	CAR000013268
TSD EPA ID:	CAT000613893
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.1
Year:	2003
Gepaid:	CAR000013268
TSD EPA ID:	CAT000613893
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L

EMERALD CLEANERS (Continued) **1001111788**

Disposal Method: H01 - Transfer Station
Tons: 0.1975

Year: 2002
Gepaid: CAR000013268
TSD EPA ID: CAT000613893
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.15

Year: 2002
Gepaid: CAR000013268
TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.275

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

Additional Info:
Year: 1997
Gen EPA ID: CAR000013268

Shipment Date: 19971003
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971006
Manifest ID: 96801362
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
CA Waste Code: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Disposal Method: R01 - Recycler
Quantity Tons: 0.2107
Waste Quantity: 0.25
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971003
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971006
Manifest ID: 96801362
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported

EMERALD CLEANERS (Continued) **1001111788**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970217
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970218
Manifest ID:	96722498
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970217
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970218
Manifest ID:	96722498
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

EMERALD CLEANERS (Continued) **1001111788**

RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAR000013268
Shipment Date:	19980730
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19980731
Manifest ID:	98077963
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980730
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19980731
Manifest ID:	98077963
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0

EMERALD CLEANERS (Continued) **1001111788**

Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAR000013268
Shipment Date:	20021219
Creation Date:	4/1/2003 18:31:07
Receipt Date:	20021230
Manifest ID:	22177921
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020731
Creation Date:	1/28/2003 18:31:46
Receipt Date:	20020809
Manifest ID:	21968663
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

EMERALD CLEANERS (Continued) **1001111788**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020318
Creation Date:	7/22/2002 18:31:22
Receipt Date:	20020319
Manifest ID:	21564270
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020315
Creation Date:	7/17/2002 18:31:10
Receipt Date:	20020318
Manifest ID:	20354197
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020315
Creation Date:	7/17/2002 18:31:10
Receipt Date:	20020318
Manifest ID:	20354197
Trans EPA ID:	SCR000075150
Trans Name:	Not reported

EMERALD CLEANERS (Continued) **1001111788**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAR000013268
Shipment Date:	20060927
Creation Date:	3/30/2007 13:31:29
Receipt Date:	20061006
Manifest ID:	000121510CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060927
Creation Date:	3/30/2007 13:31:29
Receipt Date:	20061006
Manifest ID:	000121510CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC

EMERALD CLEANERS (Continued) **1001111788**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	- Not reported
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060605
Creation Date:	8/24/2006 18:33:57
Receipt Date:	20060612
Manifest ID:	25030311
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060106
Creation Date:	6/22/2006 18:32:46
Receipt Date:	20060118
Manifest ID:	24383092
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P

EMERALD CLEANERS (Continued) **1001111788**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAR000013268
Shipment Date:	20051213
Creation Date:	3/22/2006 18:31:37
Receipt Date:	20051219
Manifest ID:	24636143
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050707
Creation Date:	10/13/2005 18:31:00
Receipt Date:	20050713
Manifest ID:	24359642
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

EMERALD CLEANERS (Continued) **1001111788**

Shipment Date:	20050224
Creation Date:	4/29/2005 8:38:49
Receipt Date:	20050302
Manifest ID:	24255957
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAR000013268

Shipment Date:	19990929
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19990930
Manifest ID:	98657644
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.104
Waste Quantity:	208
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990719
Creation Date:	12/16/1999 0:00:00
Receipt Date:	19990720
Manifest ID:	99300663
Trans EPA ID:	CAD981414386

EMERALD CLEANERS (Continued) **1001111788**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0583
Waste Quantity:	14
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990719
Creation Date:	12/16/1999 0:00:00
Receipt Date:	19990720
Manifest ID:	99300663
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990211
Creation Date:	6/3/1999 0:00:00
Receipt Date:	19990212
Manifest ID:	98761621
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

EMERALD CLEANERS (Continued) **1001111788**

CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0667
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990211
Creation Date:	6/3/1999 0:00:00
Receipt Date:	19990212
Manifest ID:	98761621
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAR000013268
Shipment Date:	20070626
Creation Date:	1/8/2008 18:31:12
Receipt Date:	20070628
Manifest ID:	000538412SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

EMERALD CLEANERS (Continued) **1001111788**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070626
Creation Date:	1/8/2008 18:31:12
Receipt Date:	20070628
Manifest ID:	000538412SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	- Not reported
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070208
Creation Date:	8/9/2007 18:31:13
Receipt Date:	20070212
Manifest ID:	000220924SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000798
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007

EMERALD CLEANERS (Continued) **1001111788**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1996
Gen EPA ID: CAR000013268

Shipment Date: 19961209
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19961210
Manifest ID: 96319208
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: - Not reported
RCRA Code: Not reported
Disposal Method: R01 - Recycler
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961209
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19961210
Manifest ID: 96319208
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Disposal Method: R01 - Recycler
Quantity Tons: 0.4503
Waste Quantity: 108
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960821

EMERALD CLEANERS (Continued) **1001111788**

Creation Date:	5/21/1997 0:00:00
Receipt Date:	19960822
Manifest ID:	96580495
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960821
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19960822
Manifest ID:	96580495
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAR000013268

Shipment Date:	20031211
Creation Date:	8/24/2004 10:00:04
Receipt Date:	20031216
Manifest ID:	22954028

EMERALD CLEANERS (Continued) **1001111788**

Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030806
Creation Date:	7/26/2004 18:31:36
Receipt Date:	20030813
Manifest ID:	22636442
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030508
Creation Date:	8/29/2003 18:31:02
Receipt Date:	20030513
Manifest ID:	22343652
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l

EMERALD CLEANERS (Continued) **1001111788**

RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAR000013268
Shipment Date:	20001206
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001207
Manifest ID:	20379248
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.104
Waste Quantity:	208
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000619
Creation Date:	8/14/2000 0:00:00
Receipt Date:	20000620
Manifest ID:	99809116
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P

EMERALD CLEANERS (Continued) **1001111788**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000619
Creation Date:	8/14/2000 0:00:00
Receipt Date:	20000620
Manifest ID:	99809116
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.104
Waste Quantity:	208
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000216
Creation Date:	8/9/2000 0:00:00
Receipt Date:	20000217
Manifest ID:	99690386
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000216
Creation Date:	8/9/2000 0:00:00

EMERALD CLEANERS (Continued) **1001111788**

Receipt Date:	20000217
Manifest ID:	99690386
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0542
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAR000013268
Shipment Date:	20011101
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011102
Manifest ID:	20346665
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010419
Creation Date:	6/27/2001 0:00:00
Receipt Date:	20010420
Manifest ID:	20345814
Trans EPA ID:	SCR000075150
Trans Name:	Not reported

EMERALD CLEANERS (Continued) **1001111788**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAR000013268
Shipment Date:	20040928
Creation Date:	1/6/2005 18:32:03
Receipt Date:	20041006
Manifest ID:	23359582
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040505
Creation Date:	10/15/2004 8:41:08
Receipt Date:	20040514
Manifest ID:	23352384
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893

EMERALD CLEANERS (Continued) **1001111788**

TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	EMERALD CLEANERS
Address:	4341 MCARTHUR BLVD
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926600000
EPA ID:	CAR000013268
Inactive Date:	06/30/2014
Create Date:	02/26/1997
Last Act Date:	11/14/2014
Mailing Name:	Not reported
Mailing Address:	19 TENNESSEE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	IRVINE, CA 926060000
Owner Name:	HOUSHANG HAKIMDAVAR
Owner Address:	4341 MACARTHUR BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	NEWPORT BEACH, CA 926600000
Contact Name:	HOUSHANG HAKIMDAVAR
Contact Address:	4341 MACARTHUR BLVD
Contact Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926600000

NAICS:

EPA ID:	CAR000013268
Create Date:	2002-03-14 16:36:30
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	1997-02-26 00:00:00
Inactive Date:	2014-06-30 00:00:00
Facility Name:	EMERALD CLEANERS
Facility Address:	4341 MCARTHUR BLVD
Facility Address 2:	Not reported
Facility City:	NEWPORT BEACH
Facility County:	30
Facility State:	CA
Facility Zip:	926600000

F30 **GREEN HANGER CLEANERS** **DRYCLEANERS** **S120984369**
WNW **4341 MACARTHUR BLVD #E** **HWTS** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.152 mi.
805 ft. **Site 2 of 5 in cluster F**

Relative:
Higher

Actual:
52 ft.

DRYCLEANERS:

Name:	GREEN HANGER CLEANERS
Address:	4341 MACARTHUR BLVD #E
City,State,Zip:	NEWPORT BEACH, CA 92660
EPA Id:	CAL000426869
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/17/2017
Facility Active:	No
Inactive Date:	06/30/2017
Facility Addr2:	Not reported
Owner Name:	DU IK LEE
Owner Address:	14564 NEWPORT AVE UNIT 3
Owner Address 2:	Not reported
Owner Telephone:	9495335635
Contact Name:	DU IK LEE
Contact Address:	14564 NEWPORT AVE UNIT 3
Contact Address 2:	Not reported
Contact Telephone:	9495335635
Mailing Name:	Not reported
Mailing Address 1:	4341 MACARTHUR BLVD #E
Mailing Address 2:	Not reported
Mailing City:	NEWPORT BEACH
Mailing State:	CA
Mailing Zip:	92660
Owner Fax:	9494750420
Region Code:	4

HWTS:

Name:	GREEN HANGER CLEANERS
Address:	4341 MACARTHUR BLVD #E
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 92660
EPA ID:	CAL000426869
Inactive Date:	06/30/2017
Create Date:	04/17/2017
Last Act Date:	04/17/2017
Mailing Name:	Not reported
Mailing Address:	4341 MACARTHUR BLVD #E
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NEWPORT BEACH, CA 92660
Owner Name:	DU IK LEE
Owner Address:	14564 NEWPORT AVE UNIT 3
Owner Address 2:	Not reported
Owner City,State,Zip:	TUSTIN, CA 92780
Contact Name:	DU IK LEE
Contact Address:	14564 NEWPORT AVE UNIT 3
Contact Address 2:	Not reported
City,State,Zip:	TUSTIN, CA 92780

NAICS:

GREEN HANGER CLEANERS (Continued) **S120984369**

EPA ID:	CAL000426869
Create Date:	2017-04-17 14:36:39
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	2017-04-17 14:36:39
Inactive Date:	2017-06-30 00:00:00
Facility Name:	GREEN HANGER CLEANERS
Facility Address:	4341 MACARTHUR BLVD #E
Facility Address 2:	Not reported
Facility City:	NEWPORT BEACH
Facility County:	30
Facility State:	CA
Facility Zip:	92660

F31 **GREEN HANGER CLEANERS NEWPORT BEACH** **RCRA NonGen / NLR** **1025875147**
WNW **4341 MACARTHUR BLVD #E** **CAL000448280**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.152 mi.
805 ft. **Site 3 of 5 in cluster F**

Relative:
Higher

Actual:
52 ft.

RCRA NonGen / NLR:

Date form received by agency:	2019-08-20 00:00:00.0
Facility name:	GREEN HANGER CLEANERS NEWPORT BEACH
Facility address:	4341 MACARTHUR BLVD #E NEWPORT BEACH, CA 92660
EPA ID:	CAL000448280
Contact:	ABDELGADIR ZUWAWA
Contact address:	4341 MACARTHUR BLVD #E NEWPORT BEACH, CA 92660
Contact country:	Not reported
Contact telephone:	949-475-0420
Contact email:	ABDELGADIR@ZUWAWA.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ABDELGADIR ZUWAWA
Owner/operator address:	4341 MACARTHUR BLVD #E NEWPORT BEACH, CA 92660
Owner/operator country:	Not reported
Owner/operator telephone:	949-475-0420
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ABDELGADIR ZUWAWA
Owner/operator address:	4341 MACARTHUR BLVD #E NEWPORT BEACH, CA 92660
Owner/operator country:	Not reported
Owner/operator telephone:	949-475-0420
Owner/operator email:	Not reported

GREEN HANGER CLEANERS NEWPORT BEACH (Continued) **1025875147**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
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
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

F32 **GREEN HANGER CLEANERS NEWPORT BEACH** **DRYCLEANERS** **S121693713**
WNW **4341 MACARTHUR BLVD #E** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.152 mi.
805 ft. **Site 4 of 5 in cluster F**

Relative: DRYCLEANERS:
Higher
Name: GREEN HANGER CLEANERS NEWPORT BEACH
Actual: Address: 4341 MACARTHUR BLVD #E
52 ft. City,State,Zip: NEWPORT BEACH, CA 92660
EPA Id: CAL000448280
NAICS Code: 812320
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 08/20/2019
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Owner Name: ABDELGADIR ZUWAWA
Owner Address: 4341 MACARTHUR BLVD #E
Owner Address 2: Not reported
Owner Telephone: 9494750420
Contact Name: ABDELGADIR ZUWAWA
Contact Address: 4341 MACARTHUR BLVD #E
Contact Address 2: Not reported
Contact Telephone: 9494750420
Mailing Name: Not reported
Mailing Address 1: 4341 MACARTHUR BLVD #E
Mailing Address 2: Not reported
Mailing City: NEWPORT BEACH
Mailing State: CA

GREEN HANGER CLEANERS NEWPORT BEACH (Continued) **S121693713**

Mailing Zip: 92660
Owner Fax: Not reported
Region Code: 4

DRYCLEAN SOUTH COAST:

Name: EMERALD CLEANERS, A & H HAKIMDAVAR
Address: 4341 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: 107237
Application Number: 310888
Permit Number: D95980
Status: A
Representative Name: HOUSHANG HAKIMDAVA
Representative Telephone: 714 3609614
Permit Status: INACTIVE
BCAT Number: 000601
BCAT Description: DRY CLEANING, DRY-TO-DRY NON-VENT, PERC
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 419.85101318
UTM North: 3725.3588867

Name: EMERALD CLEANERS, A & H HAKIMDAVAR
Address: 4341 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: 107237
Application Number: 472205
Permit Number: F91662
Status: A
Representative Name: HOUSHANG HAKIMDAVA
Representative Telephone: 714 3609614
Permit Status: INACTIVE
BCAT Number: 000233
BCAT Description: DRY CLEANING EQUIP PETROLEUM SOLVENT
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 419.85101318
UTM North: 3725.3588867

Name: GREEN HANGER CLEANERS #3
Address: 4341 MACARTHUR BLVD UNIT E
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: 182695
Application Number: 586641
Permit Number: G41871
Status: S
Representative Name: DU IK LEE
Representative Telephone: 949 4750420
Permit Status: INACTIVE
BCAT Number: 000233
BCAT Description: DRY CLEANING EQUIP PETROLEUM SOLVENT
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 419.86999512
UTM North: 3725.3400879

Name: GREEN HANGER CLEANERS-NEWPORT BEACH

GREEN HANGER CLEANERS NEWPORT BEACH (Continued) **S121693713**

Address:	4341 MACARTHUR BLVD UNIT E
City,State,Zip:	NEWPORT BEACH, CA 92660
Facility ID:	190534
Application Number:	614764
Permit Number:	G58297
Status:	A
Representative Name:	ABDELGADIR ZUWAWA
Representative Telephone:	949 4750420
Permit Status:	ACTIVE
BCAT Number:	000233
BCAT Description:	DRY CLEANING EQUIP PETROLEUM SOLVENT
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	419.86999512
UTM North:	3725.3400879

E33 **U C I** **SWEEPS UST** **S101589562**
ESE **19182 JAMBOREE RD** **CA FID UST** **N/A**
1/8-1/4 **IRVINE, CA 92717** **HIST CORTESE**
0.153 mi.
808 ft. **Site 2 of 4 in cluster E**

Relative: **Higher**

Actual: **56 ft.**

SWEEPS UST:

Name:	U C I
Address:	19182 JAMBOREE RD
City:	IRVINE
Status:	Not reported
Comp Number:	7014
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:	30-000-007014-000010
Tank Status:	Not reported
Capacity:	20000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	3

Name:	U C I
Address:	19182 JAMBOREE RD
City:	IRVINE
Status:	Not reported
Comp Number:	7014
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:	30-000-007014-000011
Tank Status:	Not reported
Capacity:	20000
Active Date:	Not reported

U C I (Continued) **S101589562**

Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: U C I
Address: 19182 JAMBOREE RD
City: IRVINE
Status: Not reported
Comp Number: 7014
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: 30-000-007014-000012
Tank Status: Not reported
Capacity: 20000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: U C I
Address: 19182 JAMBOREE RD
City: IRVINE
Status: Active
Comp Number: 7014
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: 30-000-007014-000013
Tank Status: A
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 4

Name: U C I
Address: 19182 JAMBOREE RD
City: IRVINE
Status: Active
Comp Number: 7014
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: 30-000-007014-000014

U C I (Continued) **S101589562**

Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: U C I
Address: 19182 JAMBOREE RD
City: IRVINE
Status: Active
Comp Number: 7014
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: 30-000-007014-000015
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: U C I
Address: 19182 JAMBOREE RD
City: IRVINE
Status: Active
Comp Number: 7014
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: 30-000-007014-000016
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 30017570
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148567430
Mail To: Not reported
Mailing Address: 400 P ST 5TH FLR OFFICE ST

U C I (Continued) **S101589562**

Mailing Address 2: Not reported
Mailing City,St,Zip: IRVINE 92717
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
edr_fname: U C IRVINE, FLEET SERVICE
edr_fadd1: 19182
City,State,Zip: IRVINE, CA 92717
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083002742T

E34 **U C I - FLEET SERVICE** **LUST** **S103993409**
ESE **19182 JAMBOREE** **CERS** **N/A**
1/8-1/4 **IRVINE, CA 92717**
0.153 mi.
808 ft. **Site 3 of 4 in cluster E**

Relative:
Higher

Actual:
56 ft.

ORANGE CO. LUST:
Name: U C I - FLEET SERVICE
Address: 19182 JAMBOREE RD
City,State,Zip: IRVINE, CA 92612
Region: ORANGE
Facility Id: 95UT056
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 06/08/2012
Record ID: RO0002374

LUST REG 8:
Name: U C I - FLEET SERVICE
Address: 19182 JAMBOREE
City: IRVINE
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Remediation Plan
Case Number: 083002742T
Local Case Num: 95UT056
Case Type: Other ground water affected
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: NTC
Funding: Not reported
How Discovered: SA
How Stopped: Other Means
Leak Cause: Unknown
Leak Source: Tank
Global ID: T0605901891

U C I - FLEET SERVICE (Continued) **S103993409**

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:	8/25/1995
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	11/16/1998
Date Remediation Plan Submitted:	6/16/2004
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:	33.6644053
Longitude:	-117.8555614
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:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

LUST:

Name:	U C I - FLEET SERVICE
Address:	19182 JAMBOREE
City,State,Zip:	IRVINE, CA 92612
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901891
Global Id:	T0605901891
Latitude:	33.6644053
Longitude:	-117.8555614
Status:	Completed - Case Closed
Status Date:	06/08/2012
Case Worker:	JW
RB Case Number:	083002742T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	95UT056
Potential Media Affect:	Other Groundwater (uses other than drinking water)

U C I - FLEET SERVICE (Continued) **S103993409**

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

LUST:
Global Id: T0605901891
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

LUST:
Global Id: T0605901891
Action Type: Other
Date: 08/25/1995
Action: Leak Discovery

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 11/26/2007
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 06/17/2004
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 09/10/2003
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 02/01/2008
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 02/06/2007
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 12/23/2004
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 02/16/2005
Action: Staff Letter

U C I - FLEET SERVICE (Continued) **S103993409**

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 01/30/2012
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 06/08/2012
Action: Closure/No Further Action Letter

Global Id: T0605901891
Action Type: REMEDIATION
Date: 11/16/1998
Action: Excavation

Global Id: T0605901891
Action Type: REMEDIATION
Date: 05/01/2006
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605901891
Action Type: REMEDIATION
Date: 09/19/2001
Action: Free Product Removal

Global Id: T0605901891
Action Type: REMEDIATION
Date: 05/31/2006
Action: Other (Use Description Field)

Global Id: T0605901891
Action Type: REMEDIATION
Date: 11/01/2004
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 08/29/1995
Action: Notice of Responsibility

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 06/04/2003
Action: Notice to Comply

Global Id: T0605901891
Action Type: Other
Date: 08/28/1995
Action: Leak Reported

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT

U C I - FLEET SERVICE (Continued) **S103993409**

Date: 05/17/2011
Action: File review

LUST:
Global Id: T0605901891
Status: Open - Case Begin Date
Status Date: 08/25/1995

Global Id: T0605901891
Status: Open - Site Assessment
Status Date: 11/16/1998

Global Id: T0605901891
Status: Open - Remediation
Status Date: 06/16/2004

Global Id: T0605901891
Status: Open - Remediation
Status Date: 05/01/2006

Global Id: T0605901891
Status: Completed - Case Closed
Status Date: 06/08/2012

CERS:
Name: U C I - FLEET SERVICE
Address: 19182 JAMBOREE
City,State,Zip: IRVINE, CA 92612
Site ID: 200294
CERS ID: T0605901891
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JULIE WOZENCRAFT - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336252

E35 **U C I - FLEET SERVICES** **UST** **U003783933**
ESE **19182 JAMBOREE** **N/A**
1/8-1/4 **IRVINE, CA 92697**
0.153 mi.
808 ft. **Site 4 of 4 in cluster E**

Relative: UST:
Higher Name: U C I - FLEET SERVICES
Actual: Address: 19182 JAMBOREE
56 ft. City,State,Zip: IRVINE, CA 92697
Facility ID: 7014
Permitting Agency: ORANGE COUNTY

U C I - FLEET SERVICES (Continued) **U003783933**

Latitude: 33.6654169
Longitude: -117.8538744

F36
WNW
1/8-1/4
0.154 mi.
812 ft.

STAPLES THE OFFICE SUPERSTORE EAST INC STORE 0410 **RCRA NonGen / NLR** **1024841157**
4343 MACARTHUR BLVD **CAL000390740**
NEWPORT BEACH, CA 92660

Site 5 of 5 in cluster F

Relative:
Higher

Actual:
52 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-11-04 00:00:00.0
Facility name:	STAPLES THE OFFICE SUPERSTORE EAST INC STORE 0410
Facility address:	4343 MACARTHUR BLVD NEWPORT BEACH, CA 92660
EPA ID:	CAL000390740
Mailing address:	500 STAPLES DR FRAMINGHAM, MA 01702
Contact:	KEITH BARROWS
Contact address:	500 STAPLES DR FRAMINGHAM, MA 01702
Contact country:	Not reported
Contact telephone:	508-253-1498
Contact email:	KEITH.BARROWS@STAPLES.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	STAPLES THE OFFICE SUPERSTORE E INC
Owner/operator address:	500 STAPLES DR FRAMINGHAM, MA 01702
Owner/operator country:	Not reported
Owner/operator telephone:	508-253-1498
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	KEITH BARROWS
Owner/operator address:	500 STAPLES DR FRAMINGHAM, MA 01702
Owner/operator country:	Not reported
Owner/operator telephone:	508-253-1498
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
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

STAPLES THE OFFICE SUPERSTORE EAST INC STORE 0410 (Continued) **1024841157**

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

G37 **APPLIED CIRCUIT SOLUTIONS INC** **RCRA NonGen / NLR** **1001111666**
ENE **2649 CAMPUS DR** **FINDS** **CAR000012039**
1/8-1/4 **IRVINE, CA 92618** **ECHO**
0.179 mi. **HAZNET**
945 ft. **Site 1 of 6 in cluster G** **HWTS**

Relative:
Lower

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	2002-01-14 00:00:00.0
Facility name:	APPLIED CIRCUIT SOLUTIONS INC
Facility address:	2649 CAMPUS DR IRVINE, CA 92715-1601
EPA ID:	CAR000012039
Contact:	JAMES M KERCHNER
Contact address:	3232 S FAIRVIEW ST SANTA ANA, CA 92704-6509
Contact country:	US
Contact telephone:	714-754-1545
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:	BOWERS PEREZ ASSOC PROPERTY
Owner/operator address:	18818 TELLER AVE STE 275 IRVINE, CA 92715
Owner/operator country:	Not reported
Owner/operator telephone:	714-622-0181
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

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

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: 110008286522
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008286522

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: 1001111666
Registry ID: 110008286522
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008286522
Name: APPLIED CIRCUIT SOLUTIONS INC
Address: 2649 CAMPUS DR
City,State,Zip: IRVINE, CA 92618

HAZNET:
Name: APPLIED CIRCUIT SOLUTIONS INC
Address: 2649 CAMPUS DR
Address 2: Not reported
City,State,Zip: IRVINE, CA 927150000
Contact: RICK PERKINS
Telephone: 9498332244
Mailing Name: Not reported
Mailing Address: 3232 S FAIRVIEW ST

Year: 2001
Gepaid: CAR000012039
TSD EPA ID: CAD097030993
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: D99 - Disposal, Other
Tons: 2.2935

Year: 2001
Gepaid: CAR000012039
TSD EPA ID: CAD008488025
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Disposal Method: T01 - Treatment, Tank
Tons: 18.6816

Year: 2001
Gepaid: CAR000012039
TSD EPA ID: CAD097030993
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: R01 - Recycler
Tons: 1.8765

Year: 2001
Gepaid: CAR000012039
TSD EPA ID: CAD097030993
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: -
Tons: 1.251

Year: 2000
Gepaid: CAR000012039
TSD EPA ID: CAD008488025
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: T01 - Treatment, Tank
Tons: 43.6807

Year: 1999
Gepaid: CAR000012039
TSD EPA ID: CAD008488025
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: T01 - Treatment, Tank
Tons: 39.9486

Year: 1998
Gepaid: CAR000012039
TSD EPA ID: CAD008488025
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: T01 - Treatment, Tank
Tons: 45.5363

Year: 1997
Gepaid: CAR000012039
TSD EPA ID: CAD008488025
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: T01 - Treatment, Tank
Tons: 31.2123

Additional Info:
Year: 1998
Gen EPA ID: CAR000012039

Shipment Date: 19981216
Creation Date: 2/8/1999 0:00:00
Receipt Date: 19981216
Manifest ID: 98350324
Trans EPA ID: NJD986619328
Trans Name: Not reported
Trans 2 EPA ID: Not reported

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981130
Creation Date:	1/21/1999 0:00:00
Receipt Date:	19981130
Manifest ID:	98350323
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981118
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981118
Manifest ID:	98350322
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals

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RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981109
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981110
Manifest ID:	98350321
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981028
Creation Date:	12/10/1998 0:00:00
Receipt Date:	19981028
Manifest ID:	98350320
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981019
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19981019
Manifest ID:	98350319
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981012
Creation Date:	11/23/1998 0:00:00
Receipt Date:	19981012
Manifest ID:	98350318
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980930
Creation Date:	11/23/1998 0:00:00
Receipt Date:	19981001

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Manifest ID:	98350317
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980922
Creation Date:	11/19/1998 0:00:00
Receipt Date:	19980923
Manifest ID:	98350316
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980914
Creation Date:	11/19/1998 0:00:00
Receipt Date:	19980915
Manifest ID:	98350315
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAR000012039
Shipment Date:	20001222
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001228
Manifest ID:	98383161
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001211
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001212
Manifest ID:	98383159
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

	code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001201
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001205
Manifest ID:	98383158
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001127
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001127
Manifest ID:	98383157
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported

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Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001120
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001120
Manifest ID:	98383156
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001115
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001115
Manifest ID:	98383155
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001113
Creation Date:	1/12/2001 0:00:00

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Receipt Date:	20001113
Manifest ID:	98383154
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001108
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001109
Manifest ID:	98383152
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001103
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001107
Manifest ID:	98383153
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001030
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001030
Manifest ID:	98383151
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAR000012039
Shipment Date:	20011025
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011025
Manifest ID:	99637023
Trans EPA ID:	CAR000055079
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	D99 - Disposal, Other
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011003
Creation Date:	12/17/2001 0:00:00
Receipt Date:	Not reported
Manifest ID:	99636975
Trans EPA ID:	CAR000055079
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	- Not reported
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010918
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010919
Manifest ID:	99636942
Trans EPA ID:	CAR000055079
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	D99 - Disposal, Other
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010814
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010815
Manifest ID:	99636854
Trans EPA ID:	CAR000055079
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	1.8765
Waste Quantity:	450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010713
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010713
Manifest ID:	98383176
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010625

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010625
Manifest ID:	98383175
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010614
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010615
Manifest ID:	98383174
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.668
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010530
Creation Date:	8/29/2001 0:00:00
Receipt Date:	20010530
Manifest ID:	98383173
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010518
Creation Date:	7/30/2001 0:00:00
Receipt Date:	20010519
Manifest ID:	98383172
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.668
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010504
Creation Date:	7/20/2001 0:00:00
Receipt Date:	20010504
Manifest ID:	98383170
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAR000012039
Shipment Date:	19991228
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991228
Manifest ID:	98350357
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991217
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991220
Manifest ID:	98350360
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.0425
Waste Quantity:	250

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991206
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991206
Manifest ID:	98350359
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991129
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991130
Manifest ID:	98350358
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Shipment Date:	19991112
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991112
Manifest ID:	98350356
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991103
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991103
Manifest ID:	98350355
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991020
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991020
Manifest ID:	98350354
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991011
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991011
Manifest ID:	98350353
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991001
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19991004
Manifest ID:	98350352
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981446156
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990922
Creation Date:	11/19/1999 0:00:00
Receipt Date:	19990922
Manifest ID:	98350351
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAR000012039
Shipment Date:	19971231
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980102
Manifest ID:	96897583
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971217
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971218
Manifest ID:	96897582
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971212
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971212
Manifest ID:	96897581
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Shipment Date:	19971208
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971208
Manifest ID:	96897580
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971203
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971204
Manifest ID:	96897579
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971124
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971125
Manifest ID:	96897578
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971119
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971119
Manifest ID:	96897577
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971114
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971116
Manifest ID:	96897576
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971112
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971113
Manifest ID:	96897575
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971105
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971106
Manifest ID:	96897574
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: APPLIED CIRCUIT SOLUTIONS INC
Address: 2649 CAMPUS DR
Address 2: Not reported
City,State,Zip: IRVINE, CA 927150000
EPA ID: CAR000012039
Inactive Date: 06/30/2002
Create Date: 06/20/1996
Last Act Date: 07/06/2010
Mailing Name: Not reported
Mailing Address: 3232 S FAIRVIEW ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA ANA, CA 927040000
Owner Name: BOWERS PEREZ ASSOC PROPERTY
Owner Address: 18818 TELLER AVE STE 275
Owner Address 2: Not reported
Owner City,State,Zip: IRVINE, CA --
Contact Name: RICK PERKINS
Contact Address: 2649 CAMPUS DRIVE
Contact Address 2: Not reported
City,State,Zip: IRVINE, CA 926120000

NAICS:
EPA ID: CAR000012039
Create Date: 2002-03-14 16:36:30
NAICS Code: 2111
NAICS Description: Oil and Gas Extraction
Issued EPA ID Date: 1996-06-20 00:00:00
Inactive Date: 2002-06-30 00:00:00
Facility Name: APPLIED CIRCUIT SOLUTIONS INC
Facility Address: 2649 CAMPUS DR
Facility Address 2: Not reported
Facility City: IRVINE
Facility County: 30
Facility State: CA
Facility Zip: 927150000

H38 **KOLL CENTER NEWPORT #8** **SWEEPS UST** **S101589559**
NW **4590 MAC ARTHUR** **CA FID UST** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.181 mi.
956 ft. **Site 1 of 3 in cluster H**

Relative:
Lower

Actual:
51 ft.

SWEEPS UST:
Name: KOLL CENTER NEWPORT #8
Address: 4590 MAC ARTHUR
City: NEWPORT BEACH
Status: Active
Comp Number: 6885
Number: 9
Board Of Equalization: 44-016538
Referral Date: 09-30-92
Action Date: 09-15-92

KOLL CENTER NEWPORT #8 (Continued) **S101589559**

Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-006885-000001
Tank Status:	A
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	30017563
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7148332475
Mail To:	Not reported
Mailing Address:	A CA LIMITED PARTNER
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEWPORT BEACH 92660
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

H39 **KOLL CENTER NEWPORT #8** **UST** **U003940294**
NW **4590 MACARTHUR BLVD** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.181 mi.
956 ft. **Site 2 of 3 in cluster H**

Relative: **Lower**
Actual: **51 ft.**

UST:

Name:	KOLL CENTER NEWPORT #8
Address:	4590 MACARTHUR BLVD
City,State,Zip:	NEWPORT BEACH, CA 92660
Facility ID:	6885
Permitting Agency:	ORANGE COUNTY
Latitude:	33.669965
Longitude:	-117.862278

H40 **ORANGE COUNTY BUSINESS JOURNAL** **RCRA-SQG** **1000315156**
NW **4590 MACARTHUR BLVD SUITE 100** **FINDS** **CAD982498958**
1/8-1/4 **NEWPORT BEACH, CA 92660** **ECHO**
0.181 mi.
956 ft. **Site 3 of 3 in cluster H**

Relative: **Lower**
Actual: **51 ft.**

RCRA-SQG:

Date form received by agency:	1990-02-06 00:00:00.0
Facility name:	ORANGE COUNTY BUSINESS JOURNAL
Facility address:	4590 MACARTHUR BLVD SUITE 100 NEWPORT BEACH, CA 92660

ORANGE COUNTY BUSINESS JOURNAL (Continued) **1000315156**

EPA ID: CAD982498958
Contact: ENVIRONMENTAL MANAGER
Contact address: 4590 MACARTHUR BLVD SUITE 100
NEWPORT BEACH, CA 92660
Contact country: US
Contact telephone: 714-833-8373
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: C B J ASSOC INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

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

ORANGE COUNTY BUSINESS JOURNAL (Continued) **1000315156**

Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:
Registry ID: 110002832793
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002832793

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: 1000315156
Registry ID: 110002832793
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002832793
Name: ORANGE COUNTY BUSINESS JOURNAL
Address: 4590 MACARTHUR BLVD SUITE 100
City,State,Zip: NEWPORT BEACH, CA 92660

G41 **ACCUPATH DIAGNOSTIC LABS DBA US LABS** **ENVIROSTOR** **S118757545**
NE **2601 CAMPUS DR** **N/A**
1/8-1/4 **IRVINE, CA 92612**
0.187 mi.
985 ft. **Site 2 of 6 in cluster G**

Relative: ENVIROSTOR:
Lower
Actual: Name: ACCUPATH DIAGNOSTIC LABS DBA US LABS
47 ft. Address: 2601 CAMPUS DR
City,State,Zip: IRVINE, CA 926121601
Facility ID: 80001725
Status: No Action Required
Status Date: 05/11/2009
Site Code: 400361
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Not reported
Supervisor: * Pauline Batarseh
Division Branch: Cleanup Sacramento
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.66822

ACCUPATH DIAGNOSTIC LABS DBA US LABS (Continued) **S118757545**

Longitude: -117.8560
APN: 445-031-01
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 445-031-01
Alias Type: APN
Alias Name: CAD096882147
Alias Type: EPA Identification Number
Alias Name: 400361
Alias Type: Project Code (Site Code)
Alias Name: 80001725
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/29/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/29/1999
Comments: Completed by EPA on 6/29/99. R.C. wrote memo to file on 1/15/08 - NFA needed. ps 3/1/08

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Other Instrument
Completed Date: 09/30/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 08/30/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/20/2010
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

G42
NE
1/8-1/4
0.187 mi.
985 ft.

Relative:
Lower

Actual:
47 ft.

ELEMENTS SITE 1 TRACT 17641
2601 CAMPUS DRIVE
IRVINE, CA 92612

Site 3 of 6 in cluster G

LUST
HIST UST
HWP
NPDES
CIWQS
CERS

S102436615
N/A

ORANGE CO. LUST:

Name:	SCRATCH MEDICAL BLDG
Address:	2601 CAMPUS DR
City,State,Zip:	IRVINE, CA 92715
Region:	ORANGE
Facility Id:	84UT028
Released Substance:	Not reported / unknown
Date Closed:	12/13/1984
Record ID:	RO0001339

LUST REG 8:

Name:	SCRATCH MEDICAL BLDG
Address:	2601 CAMPUS
City:	IRVINE
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	Not reported
Local Case Num:	84UT028
Case Type:	Undefined
Substance:	0
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:	T0605979627
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:	1/1/1965
Enforcement Date:	Not reported
Close Date:	12/13/1984
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:	Not reported

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

Longitude:	Not reported
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:	Not reported
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

LUST:

Name:	SCRATCH MEDICAL BLDG
Address:	2601 CAMPUS
City,State,Zip:	IRVINE, CA 92715
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605979627
Global Id:	T0605979627
Latitude:	33.668426
Longitude:	-117.856324
Status:	Completed - Case Closed
Status Date:	12/13/1984
Case Worker:	JW
RB Case Number:	Not reported
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	84UT028
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

LUST:

Global Id:	T0605979627
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:	T0605979627
Contact Type:	Regional Board Caseworker
Contact Name:	NONE
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	Not reported
City:	RIVERSIDE
Email:	Not reported

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

Phone Number: Not reported

LUST:
Global Id: T0605979627
Status: Completed - Case Closed
Status Date: 12/13/1984

Global Id: T0605979627
Status: Open - Case Begin Date
Status Date: 12/13/1984

HIST UST:
Name: MICROELECTRONIC SYSTEMS DIVISI
Address: 2601 CAMPUS DRIVE
City,State,Zip: IRVINE, CA 92715
File Number: 0002E9DE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E9DE.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:

HWP:
Name: ACCUPATH DIAGNOSTIC LABORATORIES INC.
Address: 2601 CAMPUS DR
City,State,Zip: IRVINE, CA 926121601
EPA Id: CAD096882147
Cleanup Status: CLOSED
Latitude: 33.66822
Longitude: -117.8560
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: 400361
Assembly District: 74
Senate District: 37
Public Information Officer: Not reported

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

Public Information Officer: Not reported

Activities:

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 06/28/1990

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 04/26/1985

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date: 10/16/1981

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date: 10/16/1981

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 06/28/1985

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/18/1980

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 02/02/1983

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION APPROVED
Actual Date: 07/14/1989

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED
Actual Date: 08/31/1987

EPA Id: CAD096882147

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 10/26/1983

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 06/28/1985

Closure:
EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date: 09/28/1990

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 12/06/1988

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 05/31/1988

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 07/14/1989

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 01/15/1991

Alias:
EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 400361

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Alias Type: Alternate Name
Alias: ACCUPATH DIAGNOSTIC LABS DBA US LABS

NPDES:
Name: ELEMENTS SITE 1 TRACT 17641

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

Address:	2601 CAMPUS DRIVE
City,State,Zip:	IRVINE, CA 92612
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 30C372097
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	02/06/2015
Operator Name:	Campos Verdes LLC
Operator Address:	9110 Judicial Drive
Operator City:	San Diego
Operator State:	California
Operator Zip:	92122

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	452082
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	8 30C372097
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:	02/03/2015
Processed Date:	02/06/2015
Status:	Active
Status Date:	02/06/2015
Place Size:	10.7
Place Size Unit:	Acres
Contact:	Stuart Posnock
Contact Title:	Not reported
Contact Phone:	858-200-2241

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

Contact Phone Ext:	Not reported
Contact Email:	stuartp@gardencommunities.com
Operator Name:	Campos Verdes LLC
Operator Address:	9110 Judicial Drive
Operator City:	San Diego
Operator State:	California
Operator Zip:	92122
Operator Contact:	Stuart Posnock
Operator Contact Title:	Not reported
Operator Contact Phone:	858-200-2241
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	stuartp@gardencommunities.com
Operator Type:	Private Business
Developer:	Campos Verdes LLC
Developer Address:	9110 Judicial Drive
Developer City:	San Diego
Developer State:	California
Developer Zip:	92122
Developer Contact:	Stuart Posnock
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	N
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	Y
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	SAN DIEGO CREEK TO UPPER NEWPORT BAY
Certifier:	Stuart Posnock
Certifier Title:	Managing Partner
Certification Date:	03-FEB-15
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	452082
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 30C372097

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/06/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Campos Verdes LLC
Discharge Address:	9110 Judicial Drive
Discharge City:	San Diego
Discharge State:	California
Discharge Zip:	92122
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	ELEMENTS SITE 1 TRACT 17641
Address:	2601 CAMPUS DRIVE
City,State,Zip:	IRVINE, CA 92612
Facility Status:	Active
NPDES Number:	CAS000002
Region:	8
Agency Number:	0
Regulatory Measure ID:	452082
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	8 30C372097
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/06/2015
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	9110 Judicial Drive
Discharge Name:	Campos Verdes LLC
Discharge City:	San Diego
Discharge State:	California
Discharge Zip:	92122
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	452082
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	8 30C372097
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

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	02/03/2015
Processed Date:	02/06/2015
Status:	Active
Status Date:	02/06/2015
Place Size:	10.7
Place Size Unit:	Acres
Contact:	Stuart Posnock
Contact Title:	Not reported
Contact Phone:	858-200-2241
Contact Phone Ext:	Not reported
Contact Email:	stuartp@gardencommunities.com
Operator Name:	Campos Verdes LLC
Operator Address:	9110 Judicial Drive
Operator City:	San Diego
Operator State:	California
Operator Zip:	92122
Operator Contact:	Stuart Posnock
Operator Contact Title:	Not reported
Operator Contact Phone:	858-200-2241
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	stuartp@gardencommunities.com
Operator Type:	Private Business
Developer:	Campos Verdes LLC
Developer Address:	9110 Judicial Drive
Developer City:	San Diego
Developer State:	California
Developer Zip:	92122
Developer Contact:	Stuart Posnock
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	N
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	Y
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	SAN DIEGO CREEK TO UPPER NEWPORT BAY
Certifier:	Stuart Posnock
Certifier Title:	Managing Partner
Certification Date:	03-FEB-15
Primary Sic:	Not reported

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	452082
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 30C372097
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/06/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Campos Verdes LLC
Discharge Address:	9110 Judicial Drive
Discharge City:	San Diego
Discharge State:	California
Discharge Zip:	92122
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

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:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	ELEMENTS SITE 1 TRACT 17641
Address:	2601 CAMPUS DRIVE
City,State,Zip:	IRVINE, CA 92612
Agency:	Campos Verdes LLC
Agency Address:	9110 Judicial Drive, San Diego, CA 92122
Place/Project Type:	Construction - Residential
SIC/NAICS:	Not reported
Region:	8
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	8 30C372097
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	02/06/2015
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:	33.66836
Longitude:	-117.85627

CERS:

Name:	ELEMENTS SITE 1 TRACT 17641
Address:	2601 CAMPUS DRIVE
City,State,Zip:	IRVINE, CA 92612
Site ID:	531287

ELEMENTS SITE 1 TRACT 17641 (Continued) **S102436615**

CERS ID: 833367
CERS Description: Construction Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Campos Verdes LLC
Entity Title: Operator
Affiliation Address: 9110 Judicial Drive
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92122
Affiliation Phone: Not reported

Name: SCRATCH MEDICAL BLDG
Address: 2601 CAMPUS
City,State,Zip: IRVINE, CA 92715
Site ID: 241096
CERS ID: T0605979627
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JULIE WOZENCRAFT - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336252

Affiliation Type Desc: Regional Board Caseworker
Entity Name: NONE - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

G43 **HUGHES AIRCRAFT CO** **HIST UST** **U001578512**
NE **2601 CAMPUS DR** **EMI** **N/A**
1/8-1/4 **IRVINE, CA 92715**
0.187 mi.
985 ft. **Site 4 of 6 in cluster G**

Relative:
Lower

Actual:
47 ft.

HIST UST:
Name: MICROELECTRONIC SYSTEMS DIVISI
Address: 2601 CAMPUS DR
City,State,Zip: IRVINE, CA 92715
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000015497
Facility Type: Other

HUGHES AIRCRAFT CO (Continued) **U001578512**

Other Type:	ELECTRONIC MANUFACTU
Contact Name:	EDWARD P. CLIFFORD
Telephone:	7149557603
Owner Name:	HUGHES AIRCRAFT COMPANY
Owner Address:	2601 CAMPUS DRIVE
Owner City,St,Zip:	IRVINE, CA 92715
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1977
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	3/16
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1977
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

EMI:

Name:	HUGHES AIRCRAFT CO
Address:	2601 CAMPUS DR
City,State,Zip:	IRVINE, CA 92715
Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	16762
Air District Name:	SC
SIC Code:	3679
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:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

G44 **ACCUPATH DIAGNOSTIC LABORATORIES INC** **SEMS-ARCHIVE** **1000240990**
NE **2601 CAMPUS DRIVE** **CORRACTS** **CAD096882147**
1/8-1/4 **IRVINE, CA 92612** **RCRA-TSDF**
0.187 mi. **RCRA-LQG**
985 ft. **Site 5 of 6 in cluster G** **FINDS**
ECHO

Relative:
Lower

Actual:
47 ft.

SEMS Archive:

Site ID:	0903301
EPA ID:	CAD096882147

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Name: HUGHES AIRCRAFT CO MSD DIV
Address: 2601 CAMPUS DR
Address 2: Not reported
City,State,Zip: IRVINE, CA 92714
Cong District: 40
FIPS Code: 06059
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: 09
Site ID: 0903301
EPA ID: CAD096882147
Site Name: HUGHES AIRCRAFT CO MSD DIV
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0903301
EPA ID: CAD096882147
Site Name: HUGHES AIRCRAFT CO MSD DIV
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-09-16 04:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 09
Site ID: 0903301
EPA ID: CAD096882147
Site Name: HUGHES AIRCRAFT CO MSD DIV
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-03-01 05:00:00
Finish Date: 1991-03-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

CORRACTS:

Region:	09
Name:	ACCUPATH DIAGNOSTIC LABORATORIES INC
Address:	2601 CAMPUS DRIVE
Address 2:	Not reported
City,State,Zip:	IRVINE, CA 92612
EPA ID:	CAD096882147
Area Name:	ENTIRE FACILITY
Corrective Action:	CA050
Actual Date:	1999-06-29 00:00:00.0
NAICS Code 1:	621512
NAICS Code 2:	Not reported
NAICS Code 3:	Not reported
NAICS Code 4:	Not reported

Region:	09
Name:	ACCUPATH DIAGNOSTIC LABORATORIES INC
Address:	2601 CAMPUS DRIVE
Address 2:	Not reported
City,State,Zip:	IRVINE, CA 92612
EPA ID:	CAD096882147
Area Name:	ENTIRE FACILITY
Corrective Action:	CA070NO
Actual Date:	1999-06-29 00:00:00.0
NAICS Code 1:	621512
NAICS Code 2:	Not reported
NAICS Code 3:	Not reported
NAICS Code 4:	Not reported

Region:	09
Name:	ACCUPATH DIAGNOSTIC LABORATORIES INC
Address:	2601 CAMPUS DRIVE
Address 2:	Not reported
City,State,Zip:	IRVINE, CA 92612
EPA ID:	CAD096882147
Area Name:	ENTIRE FACILITY
Corrective Action:	CA050
Actual Date:	1999-06-29 00:00:00.0
NAICS Code 1:	621512
NAICS Code 2:	Not reported
NAICS Code 3:	Not reported
NAICS Code 4:	Not reported

Region:	09
Name:	ACCUPATH DIAGNOSTIC LABORATORIES INC
Address:	2601 CAMPUS DRIVE
Address 2:	Not reported
City,State,Zip:	IRVINE, CA 92612
EPA ID:	CAD096882147
Area Name:	ENTIRE FACILITY
Corrective Action:	CA070YE
Actual Date:	1999-06-29 00:00:00.0
NAICS Code 1:	621512
NAICS Code 2:	Not reported
NAICS Code 3:	Not reported
NAICS Code 4:	Not reported

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

RCRA-TSDF:
Date form received by agency: 2012-06-23 00:00:00.0
Facility name: ACCUPATH DIAGNOSTIC LABORATORIES INC
Facility address: 2601 CAMPUS DRIVE
IRVINE, CA 92612
EPA ID: CAD096882147
Contact: MEGAN R SCHLICHTER
Contact address: 2601 CAMPUS DRIVE
IRVINE, CA 92612
Contact country: US
Contact telephone: 949-754-9320
Contact email: SCHLICM@LABCORP.COM
EPA Region: 09
Land type: Private
Classification: TSDF
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: ACCUPATH DIAGNOSTIC LABORATORIES 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: 2001-09-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: IRVINE TECHNOLOGY CENTER I
Owner/operator address: 4440 VON KARMAN AVE STE 350
NEWPORT BEACH, CA 92660
Owner/operator country: US
Owner/operator telephone: 949-221-8051
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: 2005-04-01 00:00:00.

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

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: 2012-02-13 00:00:00.0
Site name: ACCUPATH DIAGNOSTIC LABORATORIES INC. DBA US LABS
Classification: Large Quantity Generator

Date form received by agency: 2010-06-03 00:00:00.0
Site name: US LABS
Classification: Large Quantity Generator

Date form received by agency: 2007-02-28 00:00:00.0
Site name: US LABS
Classification: Large Quantity Generator

Date form received by agency: 2006-01-27 00:00:00.0
Site name: ACCUPATH DIAGNOSTIC LABS DBA US LABS
Classification: Large Quantity Generator

Date form received by agency: 1996-09-01 00:00:00.0
Site name: HUGHES AIRCRAFT CO MSD DIV
Classification: Small Quantity Generator

Date form received by agency: 1980-08-18 00:00:00.0
Site name: HUGHES AIRCRAFT CO MSD DIV
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

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

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

. Waste name: Other organic solids

. Waste code: 551
. Waste name: Laboratory waste chemicals

. 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: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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 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: P105
. Waste name: SODIUM AZIDE

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

. Waste code: U151
. Waste name: MERCURY

. Waste code: U188
. Waste name: PHENOL

Corrective Action Summary:
Event date: 1990-01-01 00:00:00.0
Event: LEAD AGENCY DETERMINATION

Event date: 1991-08-30 00:00:00.0
Event: LEAD AGENCY DETERMINATION

Event date: 1991-08-30 00:00:00.0
Event: PA OR CERCLA INSPECTION

Event date: 1991-08-30 00:00:00.0
Event: NCAPS RANKING/PRIORITY

Event date: 1991-08-30 00:00:00.0
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 1999-06-29 00:00:00.0
Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 1999-06-29 00:00:00.0
Event: RFA COMPLETED

Event date: 1999-06-29 00:00:00.0
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 1999-06-29 00:00:00.0
Event: RFA COMPLETED

Event date: 1999-06-29 00:00:00.0
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY

Facility Has Received Notices of Violations:
Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 2003-01-10 17:21:27.0
Date achieved compliance: 1988-08-17 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1988-07-19 00:00:00.0
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: 2003-01-10 17:21:27.0

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Date achieved compliance: 1988-08-17 00:00:00.0
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 - 268.7
Area of violation: LDR - General
Date violation determined: 2003-01-10 17:21:27.0
Date achieved compliance: 1988-08-17 00:00:00.0
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: 2012-12-18 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2012-03-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2011-05-02 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2010-04-05 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2009-02-19 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2008-03-11 00:00:00.0

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

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

Evaluation date: 1996-02-22 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1991-01-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1991-01-03 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1988-06-17 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 1988-08-17 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1988-06-17 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 1988-08-17 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1988-06-06 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

RCRA-LQG:
Date form received by agency: 2012-06-23 00:00:00.0
Facility name: ACCUPATH DIAGNOSTIC LABORATORIES INC
Facility address: 2601 CAMPUS DRIVE
IRVINE, CA 92612
EPA ID: CAD096882147
Contact: MEGAN R SCHLICHTER
Contact address: 2601 CAMPUS DRIVE
IRVINE, CA 92612
Contact country: US
Contact telephone: 949-754-9320
Contact email: SCHLICM@LABCORP.COM
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

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: ACCUPATH DIAGNOSTIC LABORATORIES 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: 2001-09-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: IRVINE TECHNOLOGY CENTER I
Owner/operator address: 4440 VON KARMAN AVE STE 350
NEWPORT BEACH, CA 92660
Owner/operator country: US
Owner/operator telephone: 949-221-8051
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: 2005-04-01 00:00:00.
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

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Used oil transporter: No

Historical Generators:

Date form received by agency: 2012-02-13 00:00:00.0
Site name: ACCUPATH DIAGNOSTIC LABORATORIES INC. DBA US LABS
Classification: Large Quantity Generator

Date form received by agency: 2010-06-03 00:00:00.0
Site name: US LABS
Classification: Large Quantity Generator

Date form received by agency: 2007-02-28 00:00:00.0
Site name: US LABS
Classification: Large Quantity Generator

Date form received by agency: 2006-01-27 00:00:00.0
Site name: ACCUPATH DIAGNOSTIC LABS DBA US LABS
Classification: Large Quantity Generator

Date form received by agency: 1996-09-01 00:00:00.0
Site name: HUGHES AIRCRAFT CO MSD DIV
Classification: Small Quantity Generator

Date form received by agency: 1980-08-18 00:00:00.0
Site name: HUGHES AIRCRAFT CO MSD DIV
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

. 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: 551
. Waste name: Laboratory waste chemicals

. 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

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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 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: P105
. Waste name: SODIUM AZIDE

. Waste code: U151
. Waste name: MERCURY

. Waste code: U188
. Waste name: PHENOL

Corrective Action Summary:
Event date: 1990-01-01 00:00:00.0
Event: LEAD AGENCY DETERMINATION

Event date: 1991-08-30 00:00:00.0
Event: LEAD AGENCY DETERMINATION

Event date: 1991-08-30 00:00:00.0
Event: PA OR CERCLA INSPECTION

Event date: 1991-08-30 00:00:00.0

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Event: NCAPS RANKING/PRIORITY

Event date: 1991-08-30 00:00:00.0
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 1999-06-29 00:00:00.0
Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 1999-06-29 00:00:00.0
Event: RFA COMPLETED

Event date: 1999-06-29 00:00:00.0
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 1999-06-29 00:00:00.0
Event: RFA COMPLETED

Event date: 1999-06-29 00:00:00.0
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY

Facility Has Received Notices of Violations:
Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 2003-01-10 17:21:27.0
Date achieved compliance: 1988-08-17 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1988-07-19 00:00:00.0
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: 2003-01-10 17:21:27.0
Date achieved compliance: 1988-08-17 00:00:00.0
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 - 268.7
Area of violation: LDR - General
Date violation determined: 2003-01-10 17:21:27.0
Date achieved compliance: 1988-08-17 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

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: 2012-12-18 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2012-03-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2011-05-02 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2010-04-05 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2009-02-19 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2008-03-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1996-02-22 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1991-01-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1991-01-03 00:00:00.0

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1988-06-17 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 1988-08-17 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1988-06-17 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 1988-08-17 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1988-06-06 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:
Registry ID: 110000913414
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110000913414

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 WASTE BIENNIAL REPORTER
STATE MASTER

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

ECHO:
Envid: 1000240990
Registry ID: 110000913414
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000913414
Name: US LABS
Address: 2601 CAMPUS DRIVE
City,State,Zip: IRVINE, CA 92612

G45 **ICN BIOMEDICALS INC** **RCRA-SQG** **1000104781**
ENE **2727 CAMPUS DR** **FINDS** **CAD982009607**
1/8-1/4 **IRVINE, CA 92612** **ECHO**
0.192 mi.
1014 ft. **Site 6 of 6 in cluster G**

Relative: **Lower**

Actual: **46 ft.**

RCRA-SQG:
Date form received by agency: 1987-07-01 00:00:00.0
Facility name: ICN BIOMEDICALS INC
Facility address: 2727 CAMPUS DR

ICN BIOMEDICALS INC (Continued) **1000104781**

IRVINE, CA 92612
EPA ID: CAD982009607
Mailing address: PO BOX 19536
IRVINE, CA 92713
Contact: ENVIRONMENTAL MANAGER
Contact address: 2727 CAMPUS DR
IRVINE, CA 92715
Contact country: US
Contact telephone: 714-833-2500
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: 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: ICN BIOMEDICALS INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

ICN BIOMEDICALS INC (Continued) **1000104781**

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: 110008274526
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008274526

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.
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: 1000104781
Registry ID: 110008274526
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008274526
Name: ICN BIOMEDICALS INC
Address: 2727 CAMPUS DR
City,State,Zip: IRVINE, CA 92612

I46 **JAMES R GLIDEWELL DENTAL CERAMICS INC** **RCRA NonGen / NLR** **1024799205**
SW **4141 MACARTHUR BLVD** **CAL000208048**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.192 mi.
1016 ft. **Site 1 of 3 in cluster I**

Relative: **Lower**
Actual: **42 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2000-02-03 00:00:00.0
Facility name: JAMES R GLIDEWELL DENTAL CERAMICS INC
Facility address: 4141 MACARTHUR BLVD
NEWPORT BEACH, CA 92660-0000
EPA ID: CAL000208048
Contact: MICHAEL WHEATLEY
Contact address: 4141 MACARTHUR BLVD
NEWPORT BEACH, CA 92660
Contact country: Not reported
Contact telephone: 949-440-3829
Contact email: MICHAEL.WHEATLEY@GLIDEWELLDENTAL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

JAMES R GLIDEWELL DENTAL CERAMICS INC (Continued) **1024799205**

Owner/Operator Summary:

Owner/operator name:	MICHAEL WHEATLEY
Owner/operator address:	4141 MACARTHUR BLVD NEWPORT BEACH, CA 92660
Owner/operator country:	Not reported
Owner/operator telephone:	949-440-3829
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JAMES R GLIDEWELL DENT CERAMICS INC
Owner/operator address:	4141 MACARTHUR BLVD NEWPORT BEACH, CA 92660
Owner/operator country:	Not reported
Owner/operator telephone:	949-440-2600
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
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
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

I47 **GLIDEWELL DENTAL CERAMICS** **CERS HAZ WASTE** **S113105944**
SW **4141 MACARTHUR BLVD** **CERS** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.192 mi.
1016 ft. **Site 2 of 3 in cluster I**

Relative: **Lower**
Actual: **42 ft.**

CERS HAZ WASTE:

Name:	GLIDEWELL DENTAL CERAMICS
Address:	4141 MACARTHUR BLVD
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	408585
CERS ID:	10581073

GLIDEWELL DENTAL CERAMICS (Continued) **S113105944**

CERS Description: Hazardous Waste Generator

CERS:
Name: GLIDEWELL DENTAL CERAMICS
Address: 4141 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 408585
CERS ID: 10581073
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 408585
Site Name: GLIDEWELL DENTAL CERAMICS
Violation Date: 09-18-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 09/23/2019. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities within 30 days. MATERIALS REQUIRED: Diesel fuel.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 408585
Site Name: GLIDEWELL DENTAL CERAMICS
Violation Date: 08-28-2014
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Not reported
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous materials and business emergency plan inspection. The inspection was conducted with Michael Wheatley and Bobby Chau, EHS Specialists. Observed the facility and inspected hazardous materials storage. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure: - Aluminum oxide - Argon - Dental stone - Isopropyl alcohol - Nitrogen - Oxygen CERS submitted for 2019. Facility is required to add diesel to hazardous materials inventory. Business emergency plan available for review. Plan accepted. Training records available for review. Records are in form of HAZWOPER training

GLIDEWELL DENTAL CERAMICS (Continued) **S113105944**

records. Records accepted.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-25-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 2017 HMBEP Annual Certification Approval. The following documents were received and ACCEPTED on CERS: Business Activities Business Ownership Information Chemical Inventory Facility Site Map Emergency Plan
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Modify names in Owner/operator page
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 408585
Facility Name: GLIDEWELL DENTAL CERAMICS
Env Int Type Code: HMBP
Program ID: 10581073
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.663430
Longitude: -117.864400

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Michael Wheatley
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 4141 MACARTHUR BLVD
Affiliation City: NEWPORT BEACH
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92660
Affiliation Phone: Not reported

GLIDEWELL DENTAL CERAMICS (Continued) **S113105944**

Affiliation Type Desc:	Parent Corporation
Entity Name:	GLIDEWELL DENTAL CERAMICS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6000

Affiliation Type Desc:	Environmental Contact
Entity Name:	Michael Wheatley
Entity Title:	Not reported
Affiliation Address:	4141 Macarthur blvd
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92660
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Michael Wheatley
Entity Title:	EHS Supervisor
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	James R. Glidewell
Entity Title:	Not reported
Affiliation Address:	4141 Macarthur Blvd
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660
Affiliation Phone:	(949) 440-2600

Affiliation Type Desc:	Operator
Entity Name:	Darryl Withrow
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

GLIDEWELL DENTAL CERAMICS (Continued) **S113105944**

Affiliation Zip: Not reported
Affiliation Phone: (949) 440-2600

J48 **OFFICE DEPOT 861** **RCRA NonGen / NLR** **1024856609**
ENE **2747 CAMPUS DRIVE** **CAL000420791**
1/8-1/4 **IRVINE, CA 92612**
0.197 mi.
1038 ft. **Site 1 of 3 in cluster J**

Relative:
Lower

Actual:
46 ft.

RCRA NonGen / NLR:
Date form received by agency: 2016-10-07 00:00:00.0
Facility name: OFFICE DEPOT 861
Facility address: 2747 CAMPUS DRIVE
IRVINE, CA 92612
EPA ID: CAL000420791
Mailing address: 6600 N MILITARY TRAIL C456
BOCA RATON, FL 33496-0000
Contact: ANA FERNANDEZ
Contact address: 6600 N MILITARY TRAIL C456
BOCA RATON, FL 33496
Contact country: Not reported
Contact telephone: 561-438-7903
Contact email: ANA.FERNANDEZ@OFFICEDEPOT.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: OFFICE DEPOT INC
Owner/operator address: 6600 N MILITARY TRAIL
BOCA RATON, FL 33496
Owner/operator country: Not reported
Owner/operator telephone: 561-438-4800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ANA FERNANDEZ
Owner/operator address: 6600 N MILITARY TRAIL C456
BOCA RATON, FL 33496
Owner/operator country: Not reported
Owner/operator telephone: 561-438-7903
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
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

OFFICE DEPOT 861 (Continued) **1024856609**

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

J49 **OFFICE DEPOT #861** **CERS HAZ WASTE** **S121020668**
ENE **2747 CAMPUS DRIVE** **HAZNET** **N/A**
1/8-1/4 **IRVINE, CA 92612** **HWTS**
0.197 mi.
1038 ft. **Site 2 of 3 in cluster J**

Relative: **Lower**

Actual: **46 ft.**

CERS HAZ WASTE:

Name:	OFFICE DEPOT #861
Address:	2747 CAMPUS DR
City,State,Zip:	IRVINE, CA 92612
Site ID:	408885
CERS ID:	10706827
CERS Description:	Hazardous Waste Generator

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-25-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Met with Nicolas Webb, General Manager, and walked through the facility and checked trash receptacles. Observed that the hazardous wastes stored at the site are consistent with what was disclosed in our Waste Tracking database, with the exception of: -Consumer e-waste tote -Aerosols/Flammables tote - Oxidizers tote Hazardous wastes are stored inside the facility in a designated storage area. Reviewed hazardous waste manifests. Employee's are trained and the business has the emergency contacts posted as well as spill response information..
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	408885
Facility Name:	Office Depot #861
Env Int Type Code:	HWG
Program ID:	10706827
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.666670
Longitude:	-117.854980

OFFICE DEPOT #861 (Continued) **S121020668**

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Wendi Lane
Entity Title:	Not reported
Affiliation Address:	6600 N. Military Trail, Mail Code C492
Affiliation City:	Boca Raton
Affiliation State:	FL
Affiliation Country:	Not reported
Affiliation Zip:	33496
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6000

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	6600 N. Military Trail C415P
Affiliation City:	Boca Raton
Affiliation State:	FL
Affiliation Country:	Not reported
Affiliation Zip:	33496
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Office Depot, Inc.
Entity Title:	Not reported
Affiliation Address:	6600 N. Military Trail
Affiliation City:	Boca Raton
Affiliation State:	FL
Affiliation Country:	United States
Affiliation Zip:	33496
Affiliation Phone:	(561) 438-4800

Affiliation Type Desc:	Parent Corporation
Entity Name:	Office Depot, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	John Storlie
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

OFFICE DEPOT #861 (Continued) **S121020668**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: John Storlie
Entity Title: Consultant acting for Office Depot
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Office Depot, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (949) 724-8500

Affiliation Type Desc: Property Owner
Entity Name: Elements 1 Leasehold LLC
Entity Title: Not reported
Affiliation Address: 9110 Judicial Drive
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92122
Affiliation Phone: (858) 558-9573

HAZNET:
Name: OFFICE DEPOT 861
Address: 2747 CAMPUS DRIVE
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
Contact: ANA FERNANDEZ
Telephone: 5614387903
Mailing Name: Not reported
Mailing Address: 6600 N MILITARY TRAIL C456

Year: 2017
Gepaid: CAL000420791
TSD EPA ID: CAD008364432
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0275

Year: 2017
Gepaid: CAL000420791
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture

OFFICE DEPOT #861 (Continued) **S121020668**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.001
Year:	2017
Gepaid:	CAL000420791
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0045
Year:	2016
Gepaid:	CAL000420791
TSD EPA ID:	CAD008364432
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0025

Additional Info:

Year:	2017
Gen EPA ID:	CAL000420791
Shipment Date:	20171106
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171109
Manifest ID:	010799481FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171106
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171109
Manifest ID:	010799481FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000

OFFICE DEPOT #861 (Continued) **S121020668**

Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170510
Creation Date:	6/27/2018 18:30:27
Receipt Date:	20170516
Manifest ID:	010142717FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SST
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170510
Creation Date:	6/27/2018 18:30:27
Receipt Date:	20170516
Manifest ID:	010142717FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SST
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported

OFFICE DEPOT #861 (Continued) **S121020668**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170510
Creation Date:	6/27/2018 18:30:27
Receipt Date:	20170516
Manifest ID:	010142717FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SST
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D035
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	OFFICE DEPOT 861
Address:	2747 CAMPUS DRIVE
Address 2:	Not reported
City,State,Zip:	IRVINE, CA 92612
EPA ID:	CAL000420791
Inactive Date:	Not reported
Create Date:	10/07/2016
Last Act Date:	10/07/2019
Mailing Name:	WENDI LANE
Mailing Address:	6600 N MILITARY TRAIL C492
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BOCA RATON, FL 334960000
Owner Name:	OFFICE DEPOT INC
Owner Address:	6600 N MILITARY TRAIL
Owner Address 2:	Not reported
Owner City,State,Zip:	BOCA RATON, FL 33496
Contact Name:	WENDI LANE
Contact Address:	6600 N MILITARY TRAIL C492
Contact Address 2:	Not reported
City,State,Zip:	BOCA RATON, FL 33496

OFFICE DEPOT #861 (Continued) **S121020668**

NAICS:

EPA ID:	CAL000420791
Create Date:	2016-10-07 14:17:54
NAICS Code:	45321
NAICS Description:	Office Supplies and Stationery Stores
Issued EPA ID Date:	2016-10-07 14:17:54
Inactive Date:	Not reported
Facility Name:	OFFICE DEPOT 861
Facility Address:	2747 CAMPUS DRIVE
Facility Address 2:	Not reported
Facility City:	IRVINE
Facility County:	30
Facility State:	CA
Facility Zip:	92612

K50 **THE IRVINE COMPANY/MACARTHUR COURT** **CERS TANKS** **S113141928**
NNW **4680 MACARTHUR CT STE A** **HAZNET** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660** **CERS**
0.198 mi. **HWTS**
1044 ft. **Site 1 of 3 in cluster K**

Relative: **Lower**

Actual: **50 ft.**

CERS TANKS:

Name:	THE IRVINE COMPANY
Address:	4680 MACARTHUR CT
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	160908
CERS ID:	10512337
CERS Description:	Underground Storage Tank

HAZNET:

Name:	THE IRVINE COMPANY/MACARTHUR COURT
Address:	4680 MACARTHUR CT STE A
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926601836
Contact:	DANNY DE LA ROSA
Telephone:	5626448360
Mailing Name:	Not reported
Mailing Address:	10040 PAINTER AVE.
Year:	2017
Gepaid:	CAL000305551
TSD EPA ID:	CAD028409019
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.14595
Year:	2017
Gepaid:	CAL000305551
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.126
Year:	2017

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Gepaid:	CAL000305551
TSD EPA ID:	CAD028409019
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.1815
Year:	2016
Gepaid:	CAL000305551
TSD EPA ID:	CAD028409019
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.3531
Year:	2016
Gepaid:	CAL000305551
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.021
Year:	2015
Gepaid:	CAL000305551
TSD EPA ID:	CAD028409019
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1251
Year:	2015
Gepaid:	CAL000305551
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.714
Year:	2014
Gepaid:	CAL000305551
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.21
Year:	2013
Gepaid:	CAL000305551
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.1176
Year:	2013
Gepaid:	CAL000305551
TSD EPA ID:	NVT330010000
CA Waste Code:	162 - Other spent catalyst

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.02085

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

Additional Info:
Year: 2012
Gen EPA ID: CAL000305551

Shipment Date: 20121015
Creation Date: 12/24/2012 22:15:13
Receipt Date: 20121019
Manifest ID: 008368460JJK
Trans EPA ID: CAR000209023
Trans Name: CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D001
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.0084
Waste Quantity: 2
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120612
Creation Date: 8/7/2012 22:15:22
Receipt Date: 20120613
Manifest ID: 008369052JJK
Trans EPA ID: CAR000209023
Trans Name: CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 0.3154
Waste Quantity: 83
Quantity Unit: G
Additional Code 1: Not reported

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120418
Creation Date:	6/1/2012 20:30:08
Receipt Date:	20120420
Manifest ID:	008368452JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.39615
Waste Quantity:	95
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000305551
Shipment Date:	20131223
Creation Date:	3/2/2014 22:15:06
Receipt Date:	20131227
Manifest ID:	011679747JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Additional Code 5:	Not reported
Shipment Date:	20131107
Creation Date:	12/27/2013 22:15:22
Receipt Date:	20131108
Manifest ID:	011679638JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130702
Creation Date:	9/15/2013 22:15:09
Receipt Date:	20130711
Manifest ID:	008368056JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130607
Creation Date:	10/25/2013 22:15:29
Receipt Date:	20130614
Manifest ID:	011642137JJK
Trans EPA ID:	CAR000148296

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Trans Name:	STARLITE RECLAMATION ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	162 - Other spent catalyst
RCRA Code:	D002
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130114
Creation Date:	3/19/2013 22:15:35
Receipt Date:	20130115
Manifest ID:	008369285JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000305551
Shipment Date:	20141204
Creation Date:	3/27/2015 22:15:05
Receipt Date:	20141208
Manifest ID:	012769297JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141202
Creation Date:	3/27/2015 22:15:05
Receipt Date:	20141208
Manifest ID:	012769296JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.147
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000305551
Shipment Date:	20060620
Creation Date:	9/14/2006 18:36:07
Receipt Date:	20060621
Manifest ID:	22536876
Trans EPA ID:	CAD981412356
Trans Name:	PACIFIC TRANS ENV SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAD008302903

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000305551
Shipment Date:	20151218
Creation Date:	3/5/2016 22:15:15
Receipt Date:	20151223
Manifest ID:	013886908JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151021
Creation Date:	12/30/2015 22:15:30
Receipt Date:	20151021
Manifest ID:	013886765JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

	Regeneration, Organics Recovery Ect
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150601
Creation Date:	8/20/2015 22:15:10
Receipt Date:	20150603
Manifest ID:	013886634JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150430
Creation Date:	7/8/2015 22:15:37
Receipt Date:	20150506
Manifest ID:	013886571JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000305551
Shipment Date:	20170419
Creation Date:	5/9/2018 18:32:51
Receipt Date:	20170421
Manifest ID:	016733220JJK
Trans EPA ID:	CAR000031211
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170410
Creation Date:	5/9/2018 18:32:13
Receipt Date:	20170412
Manifest ID:	016733185JJK
Trans EPA ID:	CAR000031211
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170410

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Creation Date:	5/9/2018 18:32:13
Receipt Date:	20170412
Manifest ID:	016733185JJK
Trans EPA ID:	CAR000031211
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170119
Creation Date:	5/17/2017 18:31:13
Receipt Date:	20170126
Manifest ID:	016733037JJK
Trans EPA ID:	CAR000031211
Trans Name:	CALIFORNIA HAZARDOUS SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000305551

Shipment Date:	20151218
Creation Date:	3/5/2016 22:15:15
Receipt Date:	20151223
Manifest ID:	013886908JJK

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151021
Creation Date:	12/30/2015 22:15:30
Receipt Date:	20151021
Manifest ID:	013886765JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150601
Creation Date:	8/20/2015 22:15:10
Receipt Date:	20150603
Manifest ID:	013886634JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150430
Creation Date:	7/8/2015 22:15:37
Receipt Date:	20150506
Manifest ID:	013886571JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000305551
Shipment Date:	20100907
Creation Date:	12/16/2010 18:30:26
Receipt Date:	20100916
Manifest ID:	007289109JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001

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Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	THE IRVINE COMPANY
Address:	4680 MACARTHUR CT
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	160908
CERS ID:	10512337
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	05-25-2018
Citation:	23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 09/08/2018. Facility employees have not been trained every 12 months and/or within 30 days of hire (training was due 5/19/18). Please conduct the required training and submit a copy of the training record to this Agency within 30 days. The facility did not have at least one employee present during operating hours that had current training. Please train the employees so that at least one employee during operating hours has current training. Submit a copy of the current training record for the following employees to this Agency within 30 days (June 24, 2018).
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	05-29-2019
Citation:	23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description:	Failure to submit a current UST Response Plan available on site.
Violation Notes:	Returned to compliance on 12/04/2019. OBSERVATION: Owner/Operator did not submit a current UST response plan. CORRECTIVE ACTION: Submit a current UST response plan to CERS within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	160908
Site Name:	THE IRVINE COMPANY

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Violation Date:	05-29-2019
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description:	Failure to submit the G Designated Underground Storage Tank Operator Identification FormG within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 12/04/2019. OBSERVATION: The G Designated Underground Storage Tank Operator Identification FormG has not been electronically submitted to the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Submit G Designated Underground Storage Tank Operator Identification FormG to CERS within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	05-20-2015
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 06/19/2015. Please submit a current Certification of Financial Responsibility, with supporting documents, to an approved electronic reporting database within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	08-14-2014
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes:	Returned to compliance on 08/12/2016. Facilities that operate underground storage tanks are required to submit UPC Forms electronically by using either the Orange County E-Submit Portal or the State CERS Portal. This agency was unable to locate a submittal on either Portal. The following forms are required to be submitted: - Business Activities - Business Owner Operator - UST Facility - UST Tank - UST Monitoring Plan - UST Response Plan E-Submit Portal: https://www.esubmit.ocgov.com/home/ CERS Portal: http://cers.calepa.ca.gov/ Submit documents within 30 days on one of the above Portals.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	04-14-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

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Violation Notes:	Returned to compliance on 04/20/2017. HMBEP has not yet been submitted in CERS for the 2017 reporting period. Please submit a complete HMBEP within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	08-09-2018
Citation:	23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 11/14/2018. Facility employees have not been trained every 12 months and/or within 30 days of hire (training was due 5/19/18). Please conduct the required training and submit a copy of the training record to this Agency within 30 days. The facility did not have at least one employee present during operating hours that had current training. Please train the employees so that at least one employee during operating hours has current training. Submit a copy of the current training record for the following employees to this Agency within 30 days (June 24, 2018). "
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	06-05-2018
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes:	Returned to compliance on 06/19/2018. Secondary containment testing was due May 28, 2018. Please conduct repairs and/or replace components as necessary and conduct secondary testing. Submit test results to this Agency within 30 days of testing.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	08-09-2018
Citation:	HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 11/14/2018. Fill sump and Piping sump did

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	not pass testing. Submit a plan check for repair or replacement of secondary containment components within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	05-20-2015
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes:	Returned to compliance on 07/19/2015. Please submit a current statement identifying the designated UST operator for the facility to an approved electronic reporting database within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	05-29-2019
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 12/04/2019. OBSERVATION: UST facility operating permit information and UST tank information are not current in CERS. The following sections which must be updated include, but are not limited to: Under Dispsenser Containment, Recordkeeping, Riser pipe information. Please see CERS comments dated February 5, 2019 for a complete listing of changes required. Any change of information must be updated in CERS within 30 days of the change. CORRECTIVE ACTION: Immediately update the required information in CERS and submit for review by the CUPA.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	160908
Site Name:	THE IRVINE COMPANY
Violation Date:	05-29-2019
Citation:	23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Description:	Failure to submit the G Underground Storage Tank Statement of Understanding and Compliance Form.G
Violation Notes:	Returned to compliance on 12/04/2019. OBSERVATION: Owner/operator failed to submit the G Underground Storage Tank Statement of Understanding and Compliance FormG CORRECTIVE ACTION: Submit the G Underground Storage Tank Statement of Understanding and Compliance FormG to CERS within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	160908

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Site Name: THE IRVINE COMPANY
Violation Date: 05-25-2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/31/2018. Please submit a current Certification of Financial Responsibility, with supporting documents, to an approved electronic reporting database within 30 days and maintain a copy on site. UST documents must be submitted online via the e-Submit Portal at https://www.esubmit.ocgov.com/home/ or through the California Electronic Reporting System (CERS). This violation is unresolved from September 2017 and is being elevated to Class II. Failure to correct the violations will result in the violations being elevated to Class I, which will require formal enforcement by OC CUPA in the form of an Administrative Enforcement Order (AEO) or referral to the District AttorneyG s Office, which will include the assessment of administrative penalties outlined in H&SC section 25514 (a) and (b).
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 160908
Site Name: THE IRVINE COMPANY
Violation Date: 09-27-2017
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 05/24/2018. Certification expired on 9/1/16. Provide current certification of financial responsibility. Your new submittal must address the previous comments: Form indicates a total coverage amount of only $15,000. Change UST Cleanup Fund to be $90,000 and remove language from CD stating G annual aggregateG . Facility must demonstrate a total coverage of $1M per occurrence and annual aggregate.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-11-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Operator contacted me to inform me that BOE number obtained. I instructed operator to complete CERS submittal to abate open violation.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency

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Eval Notes:	CERS Review - Accepted Facilty Information and Hazardous Materials Inventory
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-12-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Schedule inspection
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine hazardous materials and business emergency plan inspection. Consent to enter and inspect was given by Saul Barragan, Lead Engineer. Observed the facility and inspected hazardous materials storage. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure: -Diesel Fuel Business emergency plan was not yet submitted in CERS for 2017. A violation was issued for the HMBEP. Annual employee safety training records were maintained. The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-20-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	2017 HMBEP Annual Certification Approval. The following documents were received and ACCEPTED on CERS: Business Activities Business Ownership Information Chemical Inventory Facility Site Map Emergency Plan Violation I463 was corrected and cleare
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-20-2015
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS Violation (I213) was cited on a previous inspection report and remains outstanding. Please submit UST permitting documents to an approved electronic database immediately. UST documents must be submitted via the e-Submit Portal at https://www.esubmit.ocgov.com/home/ or through the California Electronic Reporting System (CERS). If there are questions regarding

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	this report or compliance issues, please contact your district inspector at bcarroll@ochca.com Thank you.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-29-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Email report to: rroyval@irvinecompany.com On site for routine UST inspection, monitoring system certification, and spill bucket testing. The facility has one double walled (2,000-gallon diesel) tank monitored by a Ronan system. The site has double-walled suction piping. Flapper valve is used for overfill prevention. Testing was conducted by Raul Ochoa of CalHaz. Tester certifications (VR and ICC) were verified. Please submit the test reports to this Agency within 30 days. Secondary containment testing was last conducted on November 12, 2018. It must be tested every 36 months.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-31-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST submission declined in CERS. Under tank construction, change the tank secondary containment construction to fiberglass from the drop down menu. G OtherG should not be selected. Remove the information for UDC construction on the tank information page. Piping must be shown on the site plan. Upload a letter from the CFO in the appropriate section or refer to an appropriate exemption in the section. Upload the owner operator agreement in the appropriate section or refer to an appropriate exemption in the section. The document currently uploaded in this section is the DO statement of understanding is not correct. Please resubmit within 30 days.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-05-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Please submit a plan check for repair or replacement of secondary containment components.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-10-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site underground storage tank follow-up inspection of this facility was conducted today. Our records indicate that violations

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were noted against your facility in 8/2014 and 5/2015. Those violations were expected to have been corrected within thirty (30) days. Correct the noted violations below. Failure to correct the violations may result in further enforcement that may include fines and other penalties. OUSTANDING VIOLATIONS - 7/10/15 I213 - Facilities that operate underground storage tanks are required to submit UPC Forms electronically by using either the Orange County E-Submit Portal or the State CERS Portal. This agency was unable to locate a submittal on either Portal. The following forms are required to be submitted: - Business Activities - Business Owner Operator - UST Facility - UST Tank - UST Monitoring Plan - UST Response Plan E-Submit Portal: https://www.esubmit.ocgov.com/home/ CERS Portal: documents within 30 days on one of [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-10-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: A routine hazardous waste inspection was conducted this date. Access to the facility was provided by Saul Barraganl during the annual UST Monitoring System Certification. Hazardous waste observed onsite included: - Universal waste - Used Oil Municipal dumpster area does not appear to contain any hazardous waste. Perimeter of facility inspected - did not observe any indication of a hazardous waste release. Hazardous Waste Emergency Response information is posted in a common area. Employees that manage hazardous waste are given jobsite training. Hazardous waste containers were observed to be properly labeled and covered during inspection. Reviewed consolidated manifests and manifests for all hazardous waste streams.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: An on-site inspection was conducted this date to witness the annual monitoring system certification. Brian Halfwassen (Cal Haz) conducted the monitoring system certification and provided current Ronan and ICC certifications. This facility contains: 1 - 2000g UST (diesel - backup generator) Monitor system is a Ronan and reads all functions normal. Overfill protection provided by fill-tube shut-off valve (flapper) only. Sensors were observed positioned so as to initiate alarms at the earliest point possible. Sensors were re-positioned in a true vertical position upon installation after testing. The following were tested: - Sensors (annular, piping sump, and fill sump) initiated alarms when tested in water - Spill bucket using a visual hydrostatic test Documents reviewed onsite: - Permit to operate - Previous Monitoring System Certification conducted on 8/13/15 - Previous Secondary Testing conducted on 5/28/15 - Designated Operator monthly inspection [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST

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Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-13-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	A routine hazardous waste inspection was conducted this date. Access to the facility was provided by Drew Carroll during the annual UST Monitoring System Certification. Hazardous waste observed onsite included: - Universal waste - Used Oil Municipal dumpster area does not appear to contain any hazardous waste. Perimeter of facility inspected - did not observe any indication of a hazardous waste release. Hazardous Waste Emergency Response information is posted in a common area. Employees that manage hazardous waste are given jobsite training. Hazardous waste containers were observed to be properly labeled and covered during inspection. Reviewed consolidated manifests and manifests for all hazardous waste streams.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-13-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	An on-site inspection was conducted this date to witness the annual monitor certification. Brian Halfwassan (Cal Haz) conducted the monitoring certification testing and provided current Ronan and ICC certifications. This facility contains: 1 - Backup Generator UST (no transition sump) Overfill protection provided by fill-tube shut-off valve (flapper). Monitor is a Ronan System and reads all functions normal. The following were tested: - Sensors (Piping Sump, Fill Sump, Annular) alarmed at the monitoring panel when placed in water - Spill buckets using a visual hydrostatic test Documents reviewed onsite: - Permit to operate - Previous Monitoring System Certification conducted on 8/14/14 - Previous Secondary Testing conducted on 5/28/15 - Designated Operator monthly inspection reports - Daily UST Alarm Inspection Logs - Monthly Above Ground Fuel Lines Inspection Log - Maintenance receipts, work orders, etc. - Training Records (training last [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-21-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A UST monitoring system certification and spill bucket report was received by this agency. Testing at this facility was conducted on 8/14/14 and witnessed by an inspector from this agency. The report and data show passing results. OUTSTANDING VIOLATION G 8/21/14 I213 - Facilities that operate underground storage tanks are required to submit UPC Forms electronically by using either the Orange County E-Submit Portal or the State CERS Portal. This agency was unable to locate a submittal on either Portal. The following forms are required to be submitted: - Business Activities - Business Owner Operator - UST

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	Facility - UST Tank - UST Monitoring Plan - UST Response Plan E-Submit Portal: https://www.esubmit.ocgov.com/home/ CERS Portal: http://cers.calepa.ca.gov/ Submit documents within 30 days on one of the above Portals.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-02-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A UST monitoring system certification and spill bucket report was received by this agency. Testing at this facility was conducted on 8/11/16 and witnessed by this inspector. The following components PASSED testing: Tank Annular Sensor Piping Sump Sensor Fill Sump Sensor Audible/Visual Overfill Alarm Spill Buckets Visual Test OUTSTANDING VIOLATION G 9/2/16 213/I583/I616 - The following items must be submitted electronically through the state's portal (CERS Portal: http://cers.calepa.ca.gov/) - UST Permit Application - Tank Information - UST Monitoring Plan - Leak Response Plan - Monitoring Site Plan - Certificate of Financial Responsibility - Owner/Operator Agreement - Owner Statement of Designated Operator Compliance
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-26-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Email response from operator received 9/26/16: Good Morning Brian, We have submitted the Facility Information forms but we are still waiting on the BOE,.It appears that we have the same issue in multiple Irvine Company building, we have notified upper management and as soon as we get that number we will submit the forms. Thanks!
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-27-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR #0134354 Plans submitted for repairs of fill and piping sump. Finish review, stamp plans. Notified Brett Griggs of Cal Haz that plans were approved and available for pickup.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-22-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health

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Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-16-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-18-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the following documents: - Spill Container Testing Report form dated November 14, 2018 This Agency received the secondary containment test report dated November 14, 2018. The following components PASSED testing: *Fill and Piping sumps Email report to: sbarragan@irvinecompany.com
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Review of location of UST and outstanding violation
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-19-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBEP declined in CERS. The following notes were included in the review: Our records show the ownership address as 550 Newport Center Dr, Newport Beach 92658 and the ownership mailing address as PO Box 2460, Irvine 92614. Change the owner address to one of these addresses. Mark G noG for trade secret and chemical location confidential in EPCRA. Change the largest container size to 2000. Change the days on site to 365. Change the storage pressure and temperature to ambient. Provide the phone number 714-433-6000 for the local unified program agency and 951-782-4130 for the regional water quality control board.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-02-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS guidance

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-23-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST submission declined in CERS. Under tank construction, change the tank secondary containment construction to fiberglass from the drop down menu. G OtherG should not be selected. Remove the information for UDC construction on the tank information page. Piping must be shown on the site plan. The certificate of financial assurance (CFR) is dated 7/31/15 and is no longer valid. CFR must be uploaded every 365 days and must be dated within the past year. Upload a letter from the CFO in the appropriate section or refer to an appropriate exemption in the section. The statement of DO understanding and compliance lists an alternate DO with an expired ICC. Verify the expiration date and correct the document. Upload the owner operator agreement in the appropriate section or refer to an appropriate exemption in the section. Please resubmit within 30 days. Please resubmit within 30 days.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Email report to: sbarragan@irvinecompany.com On site for routine UST inspection, monitoring system certification, and spill bucket testing. The facility has one double-walled tank (D) monitored by a Ronan monitor system. The site has double-walled suction piping. A flapper valve is used for overfill prevention. Testing was conducted by Frank Newsom of Cal Haz. Tester certifications (Ronan and ICC) were verified. Please submit the test reports to this Agency within 30 days. Secondary containment testing was last conducted on May 28, 2015. It must be tested every 36 months.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-21-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-10-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	An on-site inspection was conducted this date to witness the annual

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

monitoring system certification. Brian Halfwassen (Cal Haz) conducted the monitoring system certification and provided current Ronan and ICC certifications. This facility contains: 1 - UST (diesel - backup generator) Monitor system is a Ronan monitor panel and reads all functions normal. Overfill protection provided by fill-tube shut-off valve (flapper). No audible/visual alarm is present so this item will need to be corrected in your monitoring plan in CERS. Several other items will require a change in your CERS submittal. Check the CERS review for additional changes required. Sensors were observed positioned so as to initiate alarms at the earliest point possible. Sensors were re-positioned in a true vertical position upon installation after testing. Daily inspections of the monitoring panel are conducted and recorded in a log. The following were tested: - Sensors, initiated alarm when in [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Hector Torres (contact for this facility) contends he's awaiting transfer from E-Submit to complete the submittal. I replied I cannot find any submittals in either E-Submit or CERS for this location.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-26-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Email to Saul and Hector sent this date: Saul and Hector, Just trying to touch bases with you on the CERS submittal for this UST. I recall there was an issue with the BOE number G has anything been resolved? If we canG t get this going soon, my supervisor is asking that I escalate the violation.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-27-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and declined UST submittal. In addition, facility's certification of financial responsibility has expired (see violation). Submit current financial responsibility documents to CERS within 30 days. The following corrections are also needed: TANK INFORMATION G Overfill Protection = Fill Tube Shut-Off//Riser Pipe Secondary Containment = Fiberglass MONITORING SITE PLAN G plan must also list the model numbers for all monitoring equipment (sensors, monitoring panel) and the location of all piping. CERTIFICATION OF FINANCIAL RESPONSIBILITY Certification expired on 9/1/16 and a violation has been issued. Provide current certification of financial responsibility. Your new submittal must address the previous comments:

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

	Form indicates a total coverage amount of only $15,000. Change UST Cleanup Fund to be $90,000 and remove language from CD stating G annual aggregateG . Facility must demonstrate a total coverage of $1M per occurrence and annual aggregate.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-17-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site follow-up inspection of this facility was conducted today. Our records indicate that a routine inspection of your facility was conducted on 8/14/14. During that inspection a violation was noted, and that violation was expected to have been corrected within thirty (30) days. Review the violation below and correct the violation. Failure to correct the violations may result in further enforcement that may include fines and/or imprisonment. OUTSTANDING VIOLATIONS G 10/17/14 I213 - Facilities that operate underground storage tanks are required to submit UPC Forms electronically by using either the Orange County E-Submit Portal or the State CERS Portal. This agency was unable to locate a submittal on either Portal. The following forms are required to be submitted electronically : - Business Activities - Business Owner Operator - UST Facility - UST Tank - UST Monitoring Plan - UST Response Plan E-Submit Portal: [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-14-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR #0134354 On site for plan check inspection. Fill and piping sumps and penetrations have been repaired and reglassed. Sumps tested to 4" above highest penetration - PASSED. Training records were available - training conducted on June 22, 2018. Violations I382 and I651 are abated. Email report to: sbarragan@irvinecompany.com
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-14-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the following documents: - Overfill Prevention Equipment certification dated November 14, 2018. Email report to: sbarragan@irvinecompany.com
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-16-2013
Violations Found:	No

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Eval Type:	Routine done by local agency
Eval Notes:	On site for a routine hazardous waste inspection. Met with Darrell Norris, Chief Engineer of the facility who granted consent to inspect and to take photos if needed. Conducted a walk-thru and perimeter of the facility including the caged area in the parking lot where the waste light tubes are stored. This area is labeled as a universal waste storage area. In addition, they have 1-30 gal waste oil containers stored near the Ronan monitoring panel for the UST. This container is properly labeled and stored closed. Reviewed manifests/invoices for the HW and Universal wastes which are properly maintained in the Engineering office (physical location - 4680 MacArthur Ct). Emergency numbers are posted. No hazardous waste violations observed this date.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-17-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Disc re: tank file and tank location
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-09-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A current Certification of Financial Responsibility (CFR) has been submitted to CERS. Corrections are needed to the CFR. Please make the required changes and resubmit to CERS within 30 days. Violation I583 is abated. Violations I651 and I382 remain outstanding. Please correct violations immediately. Failure to correct the violations will result in the violations being elevated to Class I, which will require formal enforcement by OC CUPA in the form of an Administrative Enforcement Order (AEO) or referral to the District AttorneyG s Office, which will include the assessment of administrative penalties outlined in H&SC section 25514 (a) and (b).
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-15-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Telecon with operator - CERS submittal in progress. Question from operator re: BOE number and gov’t v. non-gov’t tanks
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-31-2017
Violations Found:	No

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and declined UST submittal. Email sent to facility contact. The following corrections are still needed: CERTIFICATION OF FINANCIAL RESPONSIBILITY Your Certification of Financial Responsibility still only provides coverage for $15,000. You have listed a $1M coverage per occurrence and annual aggregate. You must demonstrate coverage for $1M and not $15,000. Also, you must remove language from the CD stating G annual aggregateG . Facility must demonstrate a total coverage of $1M per occurrence AND annual aggregate. Please submit corrections within 30 days.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-16-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for a routine underground tank inspection and to observe a portion of the annual monitor certification. Met with Darrell Norris, Chief Engineer of the facility who granted consent to inspect and to take photos if needed. The physical address of the UST is 4680 MacArthur Ct, Newport Beach, CA and the UST owner address is 4675 MacArthur Ct, Suite 150, Newport Beach, CA. These records will be updated. Met with Rolondo Ruvalcaba of Cal Hazardous who is an ICC and Ronan certified technician with current certifications (8197317). There is one UST at this location which fuels two backup generators. The sensors were properly located in the bottom of the sumps/annual as observed upon my arrival to the site. No liquid was observed in the sumps. Observed the testing of the three sensors (annular, fill/piping sumps) in water which caused an audible/visual alarm at the Ronan panel. The spill bucket was also tested and will show passing results. Send a copy of the results to [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-19-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received a monitor certification and spill bucket report for testing conducted at this facility on 12/16/13. The data shows passing results. No UST violations noted in file review this date.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-25-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBEP declined in CERS. The following notes were included in the review: Disclosure is not complete. Please mark G yesG for hazardous materials and complete the chemical inventory and emergency plan sections as required.
Eval Division:	Orange County Environmental Health

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-20-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST submission declined in CERS. The following notes were included in the revewi: Under tank construction, change the tank secondary containment construction to fiberglass. The annual leak sensor is listed as LS-3 on your most recent monitor certification. Verify the sensor model under continuous electronic tank monitoring and change the model to LS-3 if applicable. Fill out all sections of continuous monitoring of piping secondary containment and ensure that the corrected sensor (LS-3) is listed. Remove the information for UDC monitoring. The site does not have UDCs. Mark yes for secondary containment testing and spill bucket testing. Under recordkeeping, mark yes for alarm logs and equipment maintenance and calibration records. Upload the site plan (map with USTs and piping) under the UST monitoring site plan section. Currently a scan of the monitoring plan is uploaded in this section. The certificate of financial assurance (CFR) is dated 7/31/15 [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-21-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB 989 test notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Further assistance with CERS
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-05-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the following documents: - Monitoring system certification dated May 25, 2018 - Spill bucket test report dated May 25, 2018 - UST monitoring site plan Email report to: sbarragan@irvinecompany.com
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Eval Date:	06-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Declined UST submission and emailed facility contact for clarification.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-09-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Drew Carroll emailed stating he's having issues submitting required documentation via E-Submit. Info sent to portal admin to research
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-11-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the secondary containment test report for a test conducted 5/28/2015. The test report appears consistent with the OCHCA-approved testing procedure submitted by PCET, Inc. The following components PASSED testing: Tank Annular Secondary piping Fill Sump Piping sump As noted earlier the following violation is still outstanding, but the operator has contacted us to resolve issues with the E-Submit portal: I213/I583/I616 - Submit the following electronically via E-Submit: - UST Permit Application - Tank Information - UST Monitoring Plan - Leak Response Plan - Monitoring Site Plan - Certificate of Financial Responsibility - Owner/ Operator Agreement - Owner Statement of Designated Operator Compliance
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-15-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST submission accepted in CERS. CFR is dated 9/1/16.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-18-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Eval Date:	07-24-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-13-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Review for inspection.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-14-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for a monitor certification and routine inspection. Drew Carroll was present for the inspection. This site has 1 double walled fuel tank with double walled suction piping for a back-up generator and a Ronan monitor. The fill sump sensor, piping sump sensor, and annular sensor were tested in water for alarms. The spill bucket was being visually tested. The tank uses a flapper valve according to the technician and documents on file but was not verified today due to the spill bucket water test being conducted. Technician certifications for the Ronan and ICC Service were verified today. The following documents were on site: - UST permit - UPC forms - UST Response Plan - UST Monitoring Plan - UST Plot Plan - Owner Statements of Designated UST Operator (DO) - expiration dated 9/27/14 - DO monthly inspection reports - Employee training records - 9/2013 - Spill and alarm logs - Monitor certification dated 12/16/13 - SB989 test results dated 5/25/12 - Spill [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-15-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Discussion with operator re: CERS requirements. Contact person info updated
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-15-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS review. NOT ACCEPTED. UST Tank Information - Tank Construction -- Overfill Protection: Sumbmittal states "YES" but should be "NO" - Fill Pipe Piping Construction -- Riser Pipe Primary Containment: Submittal

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

states "NONE" but should be "STEEL" -- Containment Sump: Submittal states "NO" but should be "YES" UST Monitoring Plan - Under Dispenser Containment (UDC) Monitoring -- UDC Monitoring: Submittal states "CONTINUOUS" but should be left blank. There is no UDC on this tank system.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and declined UST submittal. The following corrections are needed: TANK FORM G Overfill Prevention = Fill Tube Shut-Off//Riser Pipe Secondary Containment = Fiberglass MONITORING PLAN - pipe monitoring G check YES for Visual Pipeline Monitoring//Recordkeeping G check YES for Visual Inspection Records. MONITORING SITE PLAN G plan must also list the model numbers for all monitoring equipment (sensors, monitoring panel) and the location of all piping. CERTIFICATION OF FINANCIAL RESPONSIBILITY Form indicates a total coverage amount of only $15,000. Change UST Cleanup Fund to be $90,000 and remove language from CD stating G annual aggregateG . Facility must demonstrate a total coverage of $1M per occurrence and annual aggregate.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Coordinates:
Site ID: 160908
Facility Name: THE IRVINE COMPANY
Env Int Type Code: UST
Program ID: 10512337
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.670720
Longitude: -117.862250

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Irvine Company
Entity Title: Not reported
Affiliation Address: 550 Newport Center Dr.
Affiliation City: Newport Beach
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92658
Affiliation Phone: (949) 251-0848

Affiliation Type Desc: Parent Corporation
Entity Name: THE IRVINE COMPANY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Irvine Company
Entity Title:	Not reported
Affiliation Address:	4675 MacArthur Court Suite 150
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660
Affiliation Phone:	(949) 501-0448
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	4675 MacArthur Court Suite 150
Affiliation City:	Newport Beach California
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92660
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Irvine Company
Entity Title:	Not reported
Affiliation Address:	4675 MacArthur Court Suite 150
Affiliation City:	Newport Beach California
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660
Affiliation Phone:	(949) 251-0848
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6000
Affiliation Type Desc:	Document Preparer
Entity Name:	Saul Barragan
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Hector Torres
Entity Title:	Not reported

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Affiliation Address:	4675 MacArthur Court Suite 150
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92660
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Saul Barragan
Entity Title:	Lead Engineer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Saul Barragan
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 795-2026
Affiliation Type Desc:	UST Tank Operator
Entity Name:	Irvine Company
Entity Title:	Not reported
Affiliation Address:	4675 MacArthur Court Suite 150
Affiliation City:	Newport Beach California
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660
Affiliation Phone:	(949) 251-0448

HWTS:

Name:	THE IRVINE COMPANY/MACARTHUR COURT
Address:	4680 MACARTHUR CT STE A
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926601836
EPA ID:	CAL000305551
Inactive Date:	06/30/2019
Create Date:	04/14/2006
Last Act Date:	09/24/2019
Mailing Name:	Not reported
Mailing Address:	10040 S PAINTER AVE.
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SANTA FE SPRINGS, CA 906700000
Owner Name:	IRVINE COMPANY OFFICE PROPERTIES
Owner Address:	550 NEWPORT CENTER DR
Owner Address 2:	Not reported
Owner City,State,Zip:	NEWPORT BEACH, CA 926607011
Contact Name:	DANNY DE LA ROSA
Contact Address:	10040 PAINTER AVE.

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **S113141928**

Contact Address 2:	Not reported
City,State,Zip:	SANTA FE SPRINGS, CA 90670

NAICS:

EPA ID:	CAL000305551
Create Date:	2006-04-14 08:57:16
NAICS Code:	811192
NAICS Description:	Car Washes
Issued EPA ID Date:	2006-04-14 08:57:16
Inactive Date:	2019-06-30 00:00:00
Facility Name:	THE IRVINE COMPANY/MACARTHUR COURT
Facility Address:	4680 MACARTHUR CT STE A
Facility Address 2:	Not reported
Facility City:	NEWPORT BEACH
Facility County:	30
Facility State:	CA
Facility Zip:	926601836

K51 **THE IRVINE COMPANY/MACARTHUR COURT** **RCRA NonGen / NLR** **1024813750**
NNW **4680 MACARTHUR CT STE A** **CAL000305551**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.198 mi.
1044 ft. **Site 2 of 3 in cluster K**

Relative:
Lower

Actual:
50 ft.

RCRA NonGen / NLR:

Date form received by agency:	2006-04-14 00:00:00.0
Facility name:	THE IRVINE COMPANY/MACARTHUR COURT
Facility address:	4680 MACARTHUR CT STE A NEWPORT BEACH, CA 92660-1836
EPA ID:	CAL000305551
Mailing address:	10040 PAINTER AVE. SANTA FE SPRINGS, CA 90670-0000
Contact:	DANNY DE LA ROSA
Contact address:	10040 PAINTER AVE. SANTA FE SPRINGS, CA 90670
Contact country:	Not reported
Contact telephone:	562-644-8360
Contact email:	DANNY@CASTLEROCKENV.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	IRVINE COMPANY OFFICE PROPERTIES
Owner/operator address:	550 NEWPORT CENTER DR NEWPORT BEACH, CA 92660
Owner/operator country:	Not reported
Owner/operator telephone:	949-720-2115
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	DANNY DE LA ROSA

THE IRVINE COMPANY/MACARTHUR COURT (Continued) **1024813750**

Owner/operator address: 10040 PAINTER AVE.
SANTA FE SPRINGS, CA 90670
Owner/operator country: Not reported
Owner/operator telephone: 562-644-8360
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
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

K52 **THE IRVINE COMPANY** **UST** **U003966321**
NNW **4680 MACARTHUR CT** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.198 mi.
1044 ft. **Site 3 of 3 in cluster K**

Relative:
Lower

Actual:
50 ft.

ORANGE CO. UST:
Name: THE IRVINE COMPANY
Address: 4680 MACARTHUR CT
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: FA0023965

UST:
Name: THE IRVINE COMPANY
Address: 4680 MACARTHUR CT
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: FA0023965
Permitting Agency: Orange County Environmental Health
Latitude: 33.67072
Longitude: -117.86225

L53 **AMERICAN DATA** **UST** **U003804389**
NNE **2465 CAMPUS DR** **N/A**
1/8-1/4 **IRVINE, CA 92612**
0.207 mi.
1092 ft. **Site 1 of 3 in cluster L**

Relative: **Lower**
Actual: **47 ft.**

UST:

Name:	AMERICAN DATA
Address:	2465 CAMPUS DR
City,State,Zip:	IRVINE, CA 92612
Facility ID:	4144
Permitting Agency:	ORANGE COUNTY
Latitude:	33.670467
Longitude:	-117.8565972

L54 **OWL COMPANIES (CORPORATE OFFIC** **HIST UST** **U001578513**
NNE **2465 CAMPUS DR** **N/A**
1/8-1/4 **IRVINE, CA 92715**
0.207 mi.
1092 ft. **Site 2 of 3 in cluster L**

Relative: **Lower**
Actual: **47 ft.**

HIST UST:

Name:	OWL COMPANIES (CORPORATE OFFIC
Address:	2465 CAMPUS DR
City,State,Zip:	IRVINE, CA 92715
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000008503
Facility Type:	Other
Other Type:	SAND/GRAVEL
Contact Name:	KEN RENZ
Telephone:	7147528864
Owner Name:	OWL COMPANIES
Owner Address:	2465 CAMPUS DRIVE
Owner City,St,Zip:	IRVINE, CA 92715
Total Tanks:	0001
Tank Num:	001
Container Num:	01
Year Installed:	1979
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

L55 **AMERICAN DATA INDUSTRIES** **LUST** **S102423935**
NNE **2465 CAMPUS** **HIST UST** **N/A**
1/8-1/4 **IRVINE, CA 92715** **HIST CORTESE**
0.207 mi. **CERS**
1092 ft. **Site 3 of 3 in cluster L**

Relative: **Lower**
Actual: **47 ft.**

ORANGE CO. LUST:

Name:	AMERICAN DATA INDUSTRIES
Address:	2465 CAMPUS DR
City,State,Zip:	IRVINE, CA 92715
Region:	ORANGE

AMERICAN DATA INDUSTRIES (Continued) **S102423935**

Facility Id: 90UT200
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 06/02/1993
Record ID: RO0001722

LUST REG 8:

Name:	AMERICAN DATA INDUSTRIES
Address:	2465 CAMPUS
City:	IRVINE
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001623T
Local Case Num:	90UT200
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901231
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:	9/5/1990
Enforcement Date:	Not reported
Close Date:	6/2/1993
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:	33.6692442
Longitude:	-117.8586574
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:	KC

AMERICAN DATA INDUSTRIES (Continued) **S102423935**

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

LUST:

Name:	AMERICAN DATA INDUSTRIES
Address:	2465 CAMPUS
City,State,Zip:	IRVINE, CA 92715
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901231
Global Id:	T0605901231
Latitude:	33.669252
Longitude:	-117.857815
Status:	Completed - Case Closed
Status Date:	06/02/1993
Case Worker:	JW
RB Case Number:	083001623T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	90UT200
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0605901231
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:	T0605901231
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:	T0605901231
Action Type:	Other
Date:	09/05/1990
Action:	Leak Discovery

Global Id:	T0605901231
Action Type:	Other

AMERICAN DATA INDUSTRIES (Continued) **S102423935**

Date: 09/05/1990
Action: Leak Reported

LUST:
Global Id: T0605901231
Status: Open - Case Begin Date
Status Date: 09/05/1990

Global Id: T0605901231
Status: Completed - Case Closed
Status Date: 06/02/1993

HIST UST:
Name: OWL COMPANIES (CORPORATE OFFIC
Address: 2465 CAMPUS DRIVE
City,State,Zip: IRVINE, CA 92715
File Number: 0002EC7A
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EC7A.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:

HIST CORTESE:
edr_fname: AMERICAN DATA INDUSTRIES
edr_fadd1: 2465 CAMPUS
City,State,Zip: IRVINE, CA 92714
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001623T

CERS:
Name: AMERICAN DATA INDUSTRIES
Address: 2465 CAMPUS
City,State,Zip: IRVINE, CA 92715
Site ID: 213950

AMERICAN DATA INDUSTRIES (Continued) **S102423935**

CERS ID: T0605901231
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JULIE WOZENCRAFT - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336252

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

56
SSW
1/8-1/4
0.208 mi.
1098 ft.

MV UNIVERSAL, LLC **RCRA NonGen / NLR** **1026044805**
4040 MACARTHUR BLVD., # 300 **CAC003051143**
IRVINE, CA 92660

Relative:
Higher

Actual:
53 ft.

RCRA NonGen / NLR:
Date form received by agency: 2020-01-15 00:00:00.0
Facility name: MV UNIVERSAL, LLC
Facility address: 4040 MACARTHUR BLVD., # 300
IRVINE, CA 92660
EPA ID: CAC003051143
Contact: JUSTIN MOORE
Contact address: 18301 VON KARMAN AVE., STE. 210
IRVINE, CA 92612
Contact country: Not reported
Contact telephone: 949-306-2289
Contact email: JUSTIN.MOORE@UPRITECO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JOHN SAUNDERS
Owner/operator address: 4040 MACARTHUR BLVD., # 300
IRVINE, CA 92660
Owner/operator country: Not reported
Owner/operator telephone: 949-251-0444
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner

MV UNIVERSAL, LLC (Continued) **1026044805**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JUSTIN MOORE
Owner/operator address: 18301 VON KARMAN AVE., STE. 210
IRVINE, CA 92612
Owner/operator country: Not reported
Owner/operator telephone: 949-306-2289
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
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): Not reported
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

J57 **GW GLEANUP-IRVINE, CAMPUS &** **HIST CORTESE** **S103617626**
East **CAMPUS & JAMBOREE** **N/A**
1/8-1/4 **IRVINE, CA 92715**
0.222 mi.
1174 ft. **Site 3 of 3 in cluster J**

Relative: HIST CORTESE:
Lower
edr_fname: GW GLEANUP-IRVINE, CAMPUS &
Actual: edr_fadd1: CAMPUS & JAMBOREE
49 ft. City,State,Zip: IRVINE, CA 92715
Region: CORTESE
Facility County Code: 30
Reg By: WBC&D
Reg Id: 8 302540001

58
East
1/8-1/4
0.228 mi.
1204 ft.

BECKMAN INSTRUMENTS INC
92800 CAMPUS DR / JAMBOREE RD
IRVINE, CA 92612

RCRA NonGen / NLR
FINDS
ECHO

1000271457
CAD078156270

Relative:
Lower

Actual:
51 ft.

RCRA NonGen / NLR:

Date form received by agency:	1994-08-29 00:00:00.0
Facility name:	BECKMAN INSTRUMENTS INC
Facility address:	92800 CAMPUS DR / JAMBOREE RD IRVINE, CA 92612
EPA ID:	CAD078156270
Contact:	LARRY JOHNSON
Contact address:	2500 HARBOR BLVD BOX 3100 FULLERTON, CA 92634-3100
Contact country:	US
Contact telephone:	714-773-8025
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:	BECKMAN INSTRUMENTS INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

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

Handler Activities Summary:

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

BECKMAN INSTRUMENTS INC (Continued) **1000271457**

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: 110008263048
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008263048

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: 1000271457
Registry ID: 110008263048
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008263048
Name: BECKMAN INSTRUMENTS INC
Address: 92800 CAMPUS DR / JAMBOREE RD
City,State,Zip: IRVINE, CA 92612

M59 **MACARTHUR SQUARE CLEANERS** **RCRA-SQG** **1000156425**
West **1701 H CORINTHIAN WAY** **FINDS** **CAD981635303**
1/8-1/4 **NEWPORT BEACH, CA 92660** **ECHO**
0.235 mi. **EMI**
1243 ft. **Site 1 of 2 in cluster M** **HAZNET**
HWTS

Relative:
Lower

Actual:
50 ft.

RCRA-SQG:
Date form received by agency: 1996-09-01 00:00:00.0
Facility name: MACARTHUR SQUARE CLEANERS
Facility address: 1701 H CORINTHIAN WAY
NEWPORT BEACH, CA 92660
EPA ID: CAD981635303
Mailing address: PO BOX 7506 NEWPORT BEACH
NEWPORT BEACH, CA 92660
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

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:	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:	BHARAT D PATEL
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

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:	1986-12-15 00:00:00.0
Site name:	MACARTHUR SQUARE CLEANERS
Classification:	Large Quantity Generator

Violation Status: No violations found

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

Evaluation Action Summary:
Evaluation date: 1994-04-25 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 1994-03-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:
Registry ID: 110002732552
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002732552

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: 1000156425
Registry ID: 110002732552
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002732552
Name: MACARTHUR SQUARE CLEANERS
Address: 1701 H CORINTHIAN WAY
City,State,Zip: NEWPORT BEACH, CA 92660

EMI:
Name: MAC ARTHUR SQUARE CLEANERS, BA
Address: 1701 H CORINTHIAN WAY
City,State,Zip: NEWPORT BEACH, CA 926600000
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 43449
Air District Name: SC
SIC Code: 7216
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: 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

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

HAZNET:

Name:	MACARTHUR SQUARE CLEANERS
Address:	1701 H CORINTHIAN WAY
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926600000
Contact:	UNDELIVERABLE PER VF97 AH
Telephone:	7144760507
Mailing Name:	Not reported
Mailing Address:	PO BOX 7506
Year:	1999
Gepaid:	CAD981635303
TSD EPA ID:	CAT000613976
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.523
Year:	1998
Gepaid:	CAD981635303
TSD EPA ID:	CAD981375983
CA Waste Code:	751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	R01 - Recycler
Tons:	0.15
Year:	1997
Gepaid:	CAD981635303
TSD EPA ID:	CAT000613976
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.285
Year:	1997
Gepaid:	CAD981635303
TSD EPA ID:	CAT000613976
CA Waste Code:	-
Disposal Method:	-
Tons:	0
Year:	1996
Gepaid:	CAD981635303
TSD EPA ID:	CAT000613976
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.3
Year:	1995
Gepaid:	CAD981635303
TSD EPA ID:	CAT000613976
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.5625

Additional Info:

Year:	1998
Gen EPA ID:	CAD981635303

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

Shipment Date:	19980422
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980513
Manifest ID:	96881276
Trans EPA ID:	CAD052606324
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980585780
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981635303

Shipment Date:	19950728
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950728
Manifest ID:	95426781
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950728
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950728
Manifest ID:	95426781
Trans EPA ID:	ILD984908202

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.21
Waste Quantity:	420
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950224
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950224
Manifest ID:	93782635
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950224
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950224
Manifest ID:	93782635
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD981635303
Shipment Date:	19990422
Creation Date:	7/7/1999 0:00:00
Receipt Date:	19990423
Manifest ID:	99215392
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.315
Waste Quantity:	630
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990422
Creation Date:	7/7/1999 0:00:00
Receipt Date:	19990423
Manifest ID:	99278786
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.208
Waste Quantity:	416
Quantity Unit:	P
Additional Code 1:	Not reported

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD981635303
Shipment Date:	19960528
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960528
Manifest ID:	95955015
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.105
Waste Quantity:	210
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960528
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960528
Manifest ID:	95955015
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

Additional Info:

Year:	1997
Gen EPA ID:	CAD981635303
Shipment Date:	19970507
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970508
Manifest ID:	96447209
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	- Not reported
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970507
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970508
Manifest ID:	96447209
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970506
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970507
Manifest ID:	96627870
Trans EPA ID:	ILD984908202

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970506
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970507
Manifest ID:	96627870
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	MACARTHUR SQUARE CLEANERS
Address:	1701 H CORINTHIAN WAY
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926600000
EPA ID:	CAD981635303
Inactive Date:	06/30/1997
Create Date:	07/03/1987
Last Act Date:	09/14/2004
Mailing Name:	Not reported
Mailing Address:	PO BOX 7506
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NEWPORT BEACH, CA 926587506
Owner Name:	MACARTHUR SQUARE CLEANERS

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

Owner Address:	1701 H CORINTHIAN WAY
Owner Address 2:	Not reported
Owner City,State,Zip:	NEWPORT BEACH, CA 926600000
Contact Name:	UNDELIVERABLE PER VF97 AH
Contact Address:	1701 H CORINTHIAN WAY
Contact Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 926600000

M60 **MAC ARTHUR SQUARE CLEANERS, BART PATEL** **DRYCLEANERS** **S121697807**
West **1701 CORINTHIAN WAY** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.235 mi.
1243 ft. **Site 2 of 2 in cluster M**

Relative: **Lower**
Actual: **50 ft.**

DRYCLEAN SOUTH COAST:

Name:	MAC ARTHUR SQUARE CLEANERS, BART PATEL
Address:	1701 CORINTHIAN WAY
City,State,Zip:	NEWPORT BEACH, CA 92660
Facility ID:	43449
Application Number:	120657
Permit Number:	M38886
Status:	O
Representative Name:	EDWARD SAHL
Representative Telephone:	213 4221257
Permit Status:	INACT_NR
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	420.25
UTM North:	3724.5900879

I61 **BANK OF AMERICA** **RCRA NonGen / NLR** **1024781203**
SW **4101 MACARTHUR BLVD** **CAC003001170**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.236 mi.
1244 ft. **Site 3 of 3 in cluster I**

Relative: **Lower**
Actual: **40 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2019-02-14 00:00:00.0
Facility name:	BANK OF AMERICA
Facility address:	4101 MACARTHUR BLVD NEWPORT BEACH, CA 92660-2015
EPA ID:	CAC003001170
Mailing address:	275 SOUTH VALENCIA AVE BREA, CA 92823-6340
Contact:	CA7-701-01-28 WILLIAMW
Contact address:	275 SOUTH VALENCIA AVE BREA, CA 92823-6340
Contact country:	Not reported
Contact telephone:	714-577-0865
Contact email:	GENEVADEGUIRE@ALLIANCE-ENVIRO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

BANK OF AMERICA (Continued) **1024781203**

Owner/Operator Summary:

Owner/operator name:	CA7-701-01-28 WILLIAMW
Owner/operator address:	275 SOUTH VALENCIA AVE BREA, CA 92823
Owner/operator country:	Not reported
Owner/operator telephone:	714-577-0865
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	BANK OF AMERICA
Owner/operator address:	275 SOUTH VALENCIA AVE BREA, CA 92823
Owner/operator country:	Not reported
Owner/operator telephone:	714-577-0865
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
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
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

N62 **VNT PARTNERSHIP** **LUST** **S102440971**
North **2361 CAMPUS** **HIST CORTESE** **N/A**
1/8-1/4 **IRVINE, CA 92715** **CERS**
0.236 mi.
1246 ft. **Site 1 of 2 in cluster N**

Relative: **Lower**

Actual: **47 ft.**

ORANGE CO. LUST:

Name:	VNT PARTNERSHIP
Address:	2361 CAMPUS DR
City,State,Zip:	IRVINE, CA 92715
Region:	ORANGE
Facility Id:	86UT239

VNT PARTNERSHIP (Continued) **S102440971**

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 01/21/1987
Record ID: RO0001691

LUST REG 8:

Name:	VNT PARTNERSHIP
Address:	2361 CAMPUS
City:	IRVINE
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000439T
Local Case Num:	86UT239
Case Type:	Undefined
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900351
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:	1/1/1965
Enforcement Date:	Not reported
Close Date:	1/21/1987
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:	33.6700141
Longitude:	-117.8597724
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	PAH
Staff Initials:	KC
Lead Agency:	Local Agency

VNT PARTNERSHIP (Continued) **S102440971**

Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

LUST:

Name:	VNT PARTNERSHIP
Address:	2361 CAMPUS
City,State,Zip:	IRVINE, CA 92715
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900351
Global Id:	T0605900351
Latitude:	33.670249
Longitude:	-117.85933
Status:	Completed - Case Closed
Status Date:	01/21/1987
Case Worker:	JW
RB Case Number:	083000439T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	86UT239
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0605900351
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:	T0605900351
Contact Type:	Regional Board Caseworker
Contact Name:	PATRICIA HANNON
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	patricia.hannon@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0605900351
Status:	Completed - Case Closed
Status Date:	01/21/1987

Global Id:	T0605900351
Status:	Open - Case Begin Date
Status Date:	01/21/1987

VNT PARTNERSHIP (Continued) **S102440971**

HIST CORTESE:

edr_fname:	VNT PARTNERSHIP
edr_fadd1:	2361 CAMPUS
City,State,Zip:	IRVINE, CA 92715
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000439T

CERS:

Name:	VNT PARTNERSHIP
Address:	2361 CAMPUS
City,State,Zip:	IRVINE, CA 92715
Site ID:	240140
CERS ID:	T0605900351
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JULIE WOZENCRAFT - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 EAST DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336252

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	PATRICIA HANNON - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

N63 **C N T PARTNERSHIP** **UST** **U003784581**
North **2361 CAMPUS DR** **N/A**
1/8-1/4 **IRVINE, CA 92612**
0.236 mi.
1246 ft. **Site 2 of 2 in cluster N**

Relative: **Lower**
Actual: **47 ft.**

UST:

Name:	C N T PARTNERSHIP
Address:	2361 CAMPUS DR
City,State,Zip:	IRVINE, CA 92612
Facility ID:	8587
Permitting Agency:	ORANGE COUNTY
Latitude:	33.6715086
Longitude:	-117.8581041

O64 **SHERATON HOTEL NEWPORT** **SWEEPS UST** **S101631435**
WNW **4545 MAC ARTHUR BLVD** **CA FID UST** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.246 mi.
1300 ft. **Site 1 of 2 in cluster O**

Relative:
Lower

Actual:
51 ft.

SWEEPS UST:

Name:	SHERATON HOTEL NEWPORT
Address:	4545 MAC ARTHUR BLVD
City:	NEWPORT BEACH
Status:	Active
Comp Number:	7057
Number:	9
Board Of Equalization:	44-016562
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-007057-000001
Tank Status:	A
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	30017572
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7148330570
Mail To:	Not reported
Mailing Address:	4545 MAC ARTHUR BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEWPORT BEACH 92660
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

O65 **SHERATON HOTEL NEWPORT** **UST** **U003783955**
WNW **4545 MACARTHUR BLVD** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660**
0.246 mi.
1300 ft. **Site 2 of 2 in cluster O**

Relative:
Lower

Actual:
51 ft.

UST:

Name:	SHERATON HOTEL NEWPORT
Address:	4545 MACARTHUR BLVD
City,State,Zip:	NEWPORT BEACH, CA 92660
Facility ID:	7057
Permitting Agency:	ORANGE COUNTY
Latitude:	33.66879

SHERATON HOTEL NEWPORT (Continued) **U003783955**

Longitude: -117.86471

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66 **INTEL CORPORATION** **LUST** **S100623108**
SSW **4000 MACARTHUR BLVD** **EMI** **N/A**
1/4-1/2 **NEWPORT BEACH, CA 92660** **HAZNET**
0.276 mi. **HIST CORTESE**
1456 ft. **CERS**
HWTS

Relative:
Higher

Actual:
53 ft.

ORANGE CO. LUST:

Name:	KOLL CO
Address:	4000 MACARTHUR BLVD
City,State,Zip:	NEWPORT BEACH, CA 92660
Region:	ORANGE
Facility Id:	91UT044
Released Substance:	Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed:	07/31/1996
Record ID:	RO0001954

LUST REG 8:

Name:	KOLL CO
Address:	4000 MACARTHUR
City:	NEWPORT BEACH
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001619T
Local Case Num:	91UT044
Case Type:	Other ground water affected
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:	T0605901227
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/1/1991
Enforcement Date:	Not reported
Close Date:	7/31/1996
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

INTEL CORPORATION (Continued) **S100623108**

Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.65960414
Longitude:	-117.8611056
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

LUST:

Name:	KOLL CO
Address:	4000 MACARTHUR
City,State,Zip:	NEWPORT BEACH, CA 92660
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901227
Global Id:	T0605901227
Latitude:	33.660083
Longitude:	-117.862895
Status:	Completed - Case Closed
Status Date:	07/31/1996
Case Worker:	DB
RB Case Number:	083001619T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	91UT044
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0605901227
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id:	T0605901227
Contact Type:	Regional Board Caseworker
Contact Name:	ROSE SCOTT

INTEL CORPORATION (Continued) **S100623108**

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: T0605901227
Action Type: Other
Date: 04/01/1991
Action: Leak Discovery

Global Id: T0605901227
Action Type: ENFORCEMENT
Date: 07/31/1996
Action: Closure/No Further Action Letter

Global Id: T0605901227
Action Type: Other
Date: 04/01/1991
Action: Leak Reported

LUST:
Global Id: T0605901227
Status: Open - Case Begin Date
Status Date: 04/01/1991

Global Id: T0605901227
Status: Completed - Case Closed
Status Date: 07/31/1996

EMI:
Name: KOLL CTR NEWPORT NO. 10, A CAL
Address: 4000 MACARTHUR BL
City,State,Zip: NEWPORT BEACH, CA 92660
Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 72657
Air District Name: SC
SIC Code: 6552
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: 1
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: 1

Name: KOLL CTR NEWPORT #10, A CALIF
Address: 4000 MACARTHUR BL
City,State,Zip: NEWPORT BEACH, CA 92660

INTEL CORPORATION (Continued) **S100623108**

Year:	1993
County Code:	30
Air Basin:	SC
Facility ID:	72657
Air District Name:	SC
SIC Code:	6552
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:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	KOLL CTR NEWPORT #10, A CALIF
Address:	4000 MACARTHUR BL
City,State,Zip:	NEWPORT BEACH, CA 92660
Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	72657
Air District Name:	SC
SIC Code:	6552
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:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	INTEL CORPORATION
Address:	4000 MACARTHUR BLVD
Address 2:	Not reported
City,State,Zip:	NEWPORT BEACH, CA 92660
Contact:	JENNIFER AISTON
Telephone:	9785531349
Mailing Name:	Not reported
Mailing Address:	75 REED ROAD MS HD1-370

Year:	2017
Gepaid:	CAL000425070
TSD EPA ID:	CAD008302903
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0055

INTEL CORPORATION (Continued) **S100623108**

Additional Info:

Year:	2017
Gen EPA ID:	CAL000425070
Shipment Date:	20170907
Creation Date:	5/30/2018 18:33:46
Receipt Date:	20170919
Manifest ID:	001246816VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D011
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170513
Creation Date:	5/16/2018 18:30:21
Receipt Date:	20170517
Manifest ID:	001085125VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D011
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HIST CORTESE:

edr_fname:	KOLL COMPANY KCN-10 EAST

INTEL CORPORATION (Continued) **S100623108**

edr_fadd1: 4000 MACARTHUR
City,State,Zip: NEWPORT BEACH, CA 92660
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001619T

CERS:
Name: 4000 MACARTHUR
Address: 4000 MACARTHUR BLVD
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 408312
CERS ID: 10568200
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 408312
Site Name: 4000 MACARTHUR
Violation Date: 08-16-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: OBSERVATION: [INITIAL / ANNUAL] training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan. Submit copy of training documentation (sign-in sheet) within 30 days to this agency.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 408312
Site Name: 4000 MACARTHUR
Violation Date: 09-25-2013
Citation: HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description: Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes: Not reported
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 408312
Site Name: 4000 MACARTHUR
Violation Date: 03-18-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Annual Review - Update or Certification
Violation Division: Orange County Environmental Health
Violation Program: HMRRP

INTEL CORPORATION (Continued) **S100623108**

Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 09-13-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Email report to: tim.bermudez@hines.com Received training documentation from T. Bermudez. Reminder: employees msut receive training on safe handling of hazardous materials and the Emergency Response Plan upon hiring and annually thereafter. Training documentation must be maintained on site for three (3) years. Violation I239 is abated. There are no outstanding violations at this time.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-16-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBEP declined in CERS. The following notes were included in the review: "Our records show the following for the ownership address: 17885 Von Karman Ste 110 Irvine, CA 92614 If this address is incorrect or has changed please contact this agency directly. If the above address is correct please change the submission to reflect this. For diesel fuel, select combustible liquid class II under the fire code hazard classes. Label emergency shutoffs (water, gas, electric) on the site map."
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-16-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Email report to: tim.bermudez@hines.com Hazardous Materials on site over reportable threshold: Diesel fuel (approx 910 gallons) CERS documents have been submitted.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-25-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Chemical inventory needs updating.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-21-2017
Violations Found: No

INTEL CORPORATION (Continued) **S100623108**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBEP declined in CERS. The following notes were included in the review: "Our records show the following for the ownership address: 17885 Von Karman Ste 110 Irvine, CA 92614 If this address is incorrect or has changed please contact this agency directly. If the above address is correct please change the submission to reflect this. Please contact Jonathan Alaniz to confirm address (jalaniz@ochca.com). Correct site map per previous comments: Label emergency shutoffs (water, gas, electric) on the site map."
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-23-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	2017 HMBEP Annual Certification Approval. The following documents were received and ACCEPTED on CERS: Business Activities Business Ownership Information Chemical Inventory for 1 material(s) Facility Site Map Emergency Plan
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-18-2015
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Annual Review - Update or Certification
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	408312
Site Name:	4000 MACARTHUR
Site Address:	4000 MACARTHUR BLVD
Site City:	NEWPORT BEACH
Site Zip:	92660
Enf Action Date:	09-25-2013
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Orange County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Coordinates:

Site ID:	408312
Facility Name:	4000 MACARTHUR
Env Int Type Code:	HMBP
Program ID:	10568200
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.660190

INTEL CORPORATION (Continued) **S100623108**

Longitude: -117.861800

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 4000 MACARTHUR BLVD STE 110
Affiliation City: NEWPORT BEACH
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92660
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: HG NEWPORT OWNER LLC
Entity Title: Not reported
Affiliation Address: 4000 MacArthur Blvd ste 110
Affiliation City: Newport beach
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92660
Affiliation Phone: (949) 313-2200

Affiliation Type Desc: Document Preparer
Entity Name: Tim Bermudez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: 4000 MACARTHUR - EAST & WEST TOWERS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6000

Affiliation Type Desc: Environmental Contact
Entity Name: Amy Higuchi
Entity Title: Not reported
Affiliation Address: 4000 Macarthur Blvd, ste 110

INTEL CORPORATION (Continued) **S100623108**

Affiliation City: Newport Beach
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92660
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Tim Bermudez
Entity Title: Building Engineer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: HG Newport Owner LLC
Entity Title: Not reported
Affiliation Address: 4000 Macarthur blvd ste 110
Affiliation City: Newport Beach
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92660
Affiliation Phone: (949) 313-2200

Affiliation Type Desc: Operator
Entity Name: Tim Bermudez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (949) 955-9160

Name: KOLL CO
Address: 4000 MACARTHUR
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 200254
CERS ID: T0605901227
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DENAMARIE BAKER - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E. DYER ROAD, STE. 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336255

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported

INTEL CORPORATION (Continued) **S100623108**

Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

HWTS:
Name: INTEL CORPORATION
Address: 4000 MACARTHUR BLVD
Address 2: EAST TOWER 2ND FLOOR
City,State,Zip: NEWPORT BEACH, CA 92660
EPA ID: CAL000425070
Inactive Date: 06/30/2017
Create Date: 02/17/2017
Last Act Date: 02/17/2017
Mailing Name: Not reported
Mailing Address: 75 REED ROAD MS HD1-370
Mailing Address 2: Not reported
Mailing City,State,Zip: HUDSON, MA 01749
Owner Name: INTEL CORPORATION
Owner Address: 2200 MISSION COLLEGE BLVD
Owner Address 2: Not reported
Owner City,State,Zip: SANTA CLARA, CA 95054
Contact Name: JENNIFER AISTON
Contact Address: 75 REED ROAD MS HD1-370
Contact Address 2: Not reported
City,State,Zip: HUDSON, MA 01749

NAICS:
EPA ID: CAL000425070
Create Date: 2017-02-17 09:15:21
NAICS Code: 334413
NAICS Description: Semiconductor and Related Device Manufacturing
Issued EPA ID Date: 2017-02-17 09:15:21
Inactive Date: 2017-06-30 00:00:00
Facility Name: INTEL CORPORATION
Facility Address: 4000 MACARTHUR BLVD
Facility Address 2: EAST TOWER 2ND FLOOR
Facility City: NEWPORT BEACH
Facility County: 30
Facility State: CA
Facility Zip: 92660

P67 **HYOGO ATRIUM INC.** **CPS-SLIC** **S108542984**
NNE **19100-200 VAN KARMAN** **N/A**
1/4-1/2 **IRVINE, CA**
0.283 mi.
1494 ft. **Site 1 of 2 in cluster P**

Relative:
Lower

Actual:
46 ft.

SLIC REG 8:
Name: HYOGO ATRIUM INC.
Address: 19100-200 VAN KARMAN
City: IRVINE
Type: Soil and Groundwater
Facility Status: Post-Investigation/Remediation Monitoring

HYOGO ATRIUM INC. (Continued) **S108542984**

Staff: MGC
Substance: SOLVENTS
Lead Agency: Regional Board
Location Code: I-21
Thomas Bros Code: 859-G6

P68 **THE ATRIUM** **CPS-SLIC S110711902**
NNE **19100-19200 VON KARMAN AVE** **CERS N/A**
1/4-1/2 **IRVINE, CA 92612**
0.283 mi.
1494 ft. **Site 2 of 2 in cluster P**

Relative: **Lower**
Actual: **46 ft.**

CPS-SLIC:
Name: THE ATRIUM
Address: 19100-19200 VON KARMAN AVE
City,State,Zip: IRVINE, CA 92612
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/05/2013
Global Id: SL208483903
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.6711
Longitude: -117.8572
Case Type: Cleanup Program Site
Case Worker: ANA
Local Agency: Not reported
RB Case Number: SL208483903
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: The Site is located in the southeast portion of Orange County, approximately one half mile east of the John Wayne Airport, on the southeast side of Von Karman Avenue, between Campus and Dupont Drives. The surface elevation in this area is approximately 50 feet above mean sea level, and the topography is relatively flat, sloping slightly toward the southwest. Depth to groundwater in the Site area has typically ranged from 17 to 20 feet below ground surface (bgs). Two groundwater zones were identified during investigations at the Site: an upper (Zone A) and a lower (Zone B). The groundwater in Zone A appears to be unconfined or under semi-confined conditions. The groundwater flow is toward the west/northwest, with an approximate gradient of 0.001 to 0.002 feet per feet. The Site overlies the Irvine Groundwater Management Zone (GMZ), the beneficial uses of which are municipal and domestic supply, agricultural supply, industrial service supply and industrial process supply. The Site is currently occupied by two ten-story office buildings (collectively known as The Atrium), a parking structure, and associated parking areas. The two office buildings associated with The Atrium are connected by a glass-covered atrium. Prior to development of The Atrium at the Site in 1985, three former buildings (designated as Former Buildings 1, 2, and 3) occupied the Site from 1964 to 1984. Prior to 1964, the site was undeveloped. An instrument manufacturer conducted electronics assembly in the three former buildings. Former Building 1 was used as a corporate office, and former Building 2 was used for manufacturing operations. Former Building 3 was also used for manufacturing operations, which included plating and scrubbing equipment, holding tanks, a spray booth, a vapor degreaser,

THE ATRIUM (Continued) **S110711902**

additional laboratory equipment associated with a machine shop, and a printed circuit board test area. Initial investigative work conducted at this Site in 1999 by Environ International Corporation (Environ) found that halogenated volatile organic compound (VOC)-impacted soil and groundwater were present in and around the northeastern corner of Former Building 3. Site investigation activities continued until June 2002, during which monitoring wells MW-1 through MW-8A were installed in the Zone A groundwater and monitoring wells MW-6B, MW-7B, and MW-8B were installed in the Zone B groundwater. Groundwater in Zone B occurs at depths of approximately 47 to 54 feet bgs.
Trichloroethylene (TCE) and tetrachloroethylene (PCE) were detected in the Zone A groundwater in all of the monitoring wells except well MW-1 and MW-7A. The maximum concentration of TCE was 180,000 micrograms per liter (a%g/L) and for PCE was 29,000 a%g/L, both detected in well MW-6A in the vicinity of Former Building 3. TCE and PCE were detected in groundwater in well MW-6B at maximum concentrations of 520 and 32 a%g/L, respectively. TCE and PCE were detected in soil at maximum concentrations of 23 milligrams per kilogram (mg/kg) at 20 feet bgs and 5.4 mg/kg at 25 feet bgs. Four on-Site and seven off-Site borings were advanced for cone penetrometer testing (CPT) in June 2001. Groundwater monitoring at the Site began in the 4th quarter of 2000, and was performed quarterly through the 4th quarter of 2006. Board staff approved a reduction in the frequency of groundwater monitoring to semi-annually as of January 2007. A remedial action plan (RAP) for dual phase extraction (DPE) was submitted to Board staff and approved in 2001. Five on-Site DPE wells (SEW-1 through SEW-5) were installed in Zone A, and two on-Site DPE wells (DEW-2 and DEW-3) were installed in Zone B in February 2002. Monitoring Well MW-6B was converted into a dual-phase extraction well (DEW-1) during the 2nd quarter of 2002. These extraction wells were connected to the DPE System, and the system was started up in June 2002. Between 2002 and 2005, the VOC concentrations decreased asymptotically. Board staff approved TRCs request for permanent shutdown of the vapor phase portion of the system in December 2005. Board staff also approved the shutdown of the three deep groundwater extraction wells in December 2007. TRC terminated its operation of the groundwater extraction system in February 2008, due to changes in the Regional Boards effluent limitations for discharge of total dissolved solids and nitrate. A polishing treatment step using an in-situ chemical oxidation (ISCO) approach was proposed to remediate the remaining contaminants. A work plan for treatment of groundwater using ISCO was submitted to Board staff and approved in June 2008. Bench scale treatability testing and injection radius pilot testing were performed using potassium permanganate. The implementation plan for ISCO was revised to have 87 injection points and 18,000 pounds of permanganate because of concerns that hexavalent chromium would be produced as a by-product of the ISCO. Approximately 143,800 gallons of 1.5 percent permanganate solution were injected in May and April 2009. Six groundwater monitoring and sampling events were performed following completion of the injections. The sampling schedule was weekly for four weeks, then one sampling event three months after injection and another sampling event six months after injection. A Post-ISCO Injection Summary and Site Closure Request report was prepared and submitted to Board staff in January 2010. Following our review, Board staff expressed concern about residual levels of permanganate and VOCs in some of the Sites wells. TRC discussed the concerns with

THE ATRIUM (Continued) **S110711902**

Board staff, and agreed to perform three additional sampling events over the next year, beginning in April 2010 and ending in April 2011. Based on the analytical data from these monitoring events, a Site closure request was submitted to Board staff in May 2011. Based on the addtional data from the October 2011 and April 2012 sampling events, it was dertermined that the VOCs concentrations in the groundwater show a stable trend. A no furher action determiantion was granted on March 5, 2013.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	THE ATRIUM
Address:	19100-19200 VON KARMAN AVE
City,State,Zip:	IRVINE, CA 92612
Site ID:	198496
CERS ID:	SL208483903
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	AFSHIN NICK AMINI - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 Main Street, Suite 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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69 **BEACON BAY CAR WASH** **LUST** **S101631429**
West **4200 BIRCH** **HIST UST** **N/A**
1/4-1/2 **NEWPORT BEACH, CA 92660** **CA FID UST**
0.330 mi. **HIST CORTESE**
1742 ft. **CERS**

Relative: Lower

Actual: 48 ft.

ORANGE CO. LUST:

Name:	BEACON BAY AUTO WASH #08
Address:	4200 BIRCH ST
City,State,Zip:	NEWPORT BEACH, CA 92660
Region:	ORANGE
Facility Id:	90UT084
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	03/13/2014
Record ID:	RO0002883

LUST REG 8:

Name:	BEACON BAY CAR WASH
Address:	4200 BIRCH
City:	NEWPORT BEACH
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Remedial action (cleanup) Underway
Case Number:	083001459T
Local Case Num:	90UT084

BEACON BAY CAR WASH (Continued) **S101631429**

Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	WAR
Funding:	Not reported
How Discovered:	UM
How Stopped:	NPP
Leak Cause:	Unknown
Leak Source:	Piping
Global ID:	T0605901107
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:	3/13/1990
Enforcement Date:	Not reported
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:	3/25/1997
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	=
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6662702
Longitude:	-117.8680457
MTBE Date:	6/4/2003
Max MTBE GW:	6400
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	NOM
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

LUST:

Name:	BEACON BAY AUTO WASH #08
Address:	4200 BIRCH
City,State,Zip:	NEWPORT BEACH, CA 92660
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site

BEACON BAY CAR WASH (Continued) **S101631429**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901107
Global Id:	T0605901107
Latitude:	33.6662702
Longitude:	-117.8680457
Status:	Completed - Case Closed
Status Date:	03/13/2014
Case Worker:	DB
RB Case Number:	083001459T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	90UT084
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

LUST:

Global Id:	T0605901107
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

LUST:

Global Id:	T0605901107
Action Type:	Other
Date:	03/13/1990
Action:	Leak Discovery
Global Id:	T0605901107
Action Type:	ENFORCEMENT
Date:	07/14/2010
Action:	Staff Letter
Global Id:	T0605901107
Action Type:	ENFORCEMENT
Date:	05/16/2011
Action:	Staff Letter
Global Id:	T0605901107
Action Type:	ENFORCEMENT
Date:	04/19/2011
Action:	File review
Global Id:	T0605901107
Action Type:	RESPONSE
Date:	06/06/2013
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T0605901107
Action Type:	RESPONSE
Date:	12/12/2012

BEACON BAY CAR WASH (Continued) **S101631429**

Action: Request for Closure - Regulator Responded

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 05/08/1992
Action: * Historical Enforcement

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 07/25/2003
Action: Warning Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 05/15/2007
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 12/21/2004
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 07/19/2005
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 12/17/2003
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 10/10/2006
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 12/09/2007
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 12/21/2007
Action: Staff Letter

Global Id: T0605901107
Action Type: REMEDIATION
Date: 08/31/2002
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605901107
Action Type: REMEDIATION
Date: 01/01/1994
Action: Free Product Removal

BEACON BAY CAR WASH (Continued) **S101631429**

Global Id: T0605901107
Action Type: REMEDIATION
Date: 04/01/2002
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 04/17/2012
Action: Staff Letter

Global Id: T0605901107
Action Type: Other
Date: 03/13/1990
Action: Leak Reported

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 01/12/2009
Action: Staff Letter

Global Id: T0605901107
Action Type: RESPONSE
Date: 01/29/2013
Action: Monitoring Report - Other

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 04/21/2008
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 01/09/2014
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 11/13/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0605901107
Action Type: RESPONSE
Date: 03/05/2014
Action: Correspondence

Global Id: T0605901107
Action Type: RESPONSE
Date: 06/15/1992
Action: Soil and Water Investigation Report

Global Id: T0605901107
Action Type: RESPONSE

BEACON BAY CAR WASH (Continued) **S101631429**

Date: 08/25/2003
Action: Soil and Water Investigation Workplan

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 03/13/2014
Action: Closure/No Further Action Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 06/02/2010
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 09/10/2010
Action: File review

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 03/07/2012
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 03/07/2012
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

LUST:
Global Id: T0605901107
Status: Open - Case Begin Date
Status Date: 03/13/1990

Global Id: T0605901107
Status: Open - Remediation
Status Date: 03/25/1997

Global Id: T0605901107
Status: Open - Verification Monitoring
Status Date: 05/10/2011

Global Id: T0605901107
Status: Open - Eligible for Closure
Status Date: 12/06/2012

Global Id: T0605901107
Status: Completed - Case Closed
Status Date: 03/13/2014

HIST UST:
Name: NEWPORT PLACE AUTO WASH
Address: 4200 BIRCH STREET
City,State,Zip: NEWPORT BEACH, CA 92660
File Number: 0002E570
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E570.pdf

BEACON BAY CAR WASH (Continued) **S101631429**

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:	30001017
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7146444460
Mail To:	Not reported
Mailing Address:	260 NEWPORT CENTER DR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEWPORT BEACH 92660
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST CORTESE:

edr_fname:	BEACON BAY CAR WASH
edr_fadd1:	4200
City,State,Zip:	NEWPORT BEACH, CA 92660
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001459T

CERS:

Name:	PETROLINK SUPERIOR #80002
Address:	4200 BIRCH ST
City,State,Zip:	NEWPORT BEACH, CA 92660
Site ID:	56616
CERS ID:	10513075

BEACON BAY CAR WASH (Continued) **S101631429**

CERS Description: Chemical Storage Facilities

Violations:

Site ID: 56616
Site Name: Petrolink Superior #80002
Violation Date: 06-10-2016
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description: Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes: Returned to compliance on 04/07/2017. The following component failed secondary containment testing and must be repaired/replaced: - 91 vent secondary piping
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 56616
Site Name: Petrolink Superior #80002
Violation Date: 03-14-2017
Citation: 23 CCR 16 2715(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(e)
Violation Description: Failure to maintain a copy of the designated operator monthly inspections for the last 12 months on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes: Returned to compliance on 04/07/2017. DO reports for January and February 2017 were not available. Please obtain copies of the reports within 30 days and provide them to this agency. If copies cannot be obtained, provide a written explanation to this agency.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 56616
Site Name: Petrolink Superior #80002
Violation Date: 08-13-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 02-23-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

BEACON BAY CAR WASH (Continued) **S101631429**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine hazardous materials and business emergency plan inspection. Consent to enter and inspect was given by Erica Moya, Assistant Manager. Observed the facility and inspected hazardous materials storage. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure: -Gasoline Various types of car soap and a drum labeled as liquid hazardous waste were observed. If the hazardous waste or any individual type of soap ever exceeds 55 gallons, the material must be included in the disclosure. Business emergency plan was available. Annual employee safety training records were maintained. The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-15-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS submittal reviewed and accepted this date.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-16-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Following an onsite inspection of this facility conducted 3/15/16, it was noted that the following components were not correctly entered into this CERS submittal: - Monitoring Plan: Pipe Monitoring - Leak sensor observed onsite is a VR-208. CERS submittal indicates the sensor VR-209 - Mechanical Line Leak Detector Mfg and Model not indicated on CERS submittal. VMI detector observed onsite. Please correct the above inconsistencies.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-17-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	A routine hazardous waste inspection was conducted this date. Hazardous waste observed onsite included: - 55g drum of gasoline/water Municipal dumpster area does not appear to contain any hazardous waste. Perimeter of facility inspected - did not observe any indication of a hazardous waste release. Hazardous Waste Emergency Response information exists onsite in the Business Emergency Plan.

BEACON BAY CAR WASH (Continued) **S101631429**

	Employees that manage hazardous waste are given jobsite training. Hazardous waste containers were observed to be properly labeled and covered during inspection. Please keep onsite all hazardous waste disposal receipts/manifests for three years.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-17-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	An on-site inspection was conducted this date to witness the annual monitor certification. Wilbert Crisotomo (Tanknology) conducted the monitoring certification testing and provided current Veeder-Root and ICC certifications. This facility contains: 2 - 12000g USTs (91 and 87) Monitor is a Veeder-Root and reads all functions normal. Alarm history and setup tape reviewed while on site. The following tested and PASSED: - Sensors, initiated positive shutdown to the turbines when tested in water - G Fail SafeG and G Sensor OutG , shutdown the turbines - ATGG s, set at 90% for an external audio and visual alarm - Spill buckets using a visual hydrostatic test - Leak detectors. Documents reviewed onsite: - Permit to operate - Previous Monitoring System Certification conducted on 4/14/14 - Previous Secondary Testing conducted on 2/19/13 - Designated Operator monthly inspection reports. - Alarm history - Maintenance receipts, work orders, etc. - Alarm log [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-18-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Email report to: junchow278@gmail.com On site to follow up from December 2017 inspection. Submissions to CERS for 2018 have not yet been made. Provided prelimary CERS assistance. Will return on May 24 to complete.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-17-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-09-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Review of facility for any open violations

BEACON BAY CAR WASH (Continued) **S101631429**

Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for a routine UST inspection, monitoring system certification, and spill bucket testing. Inspection was conducted with Erica Moya, Assistant Manager. The facility has 2 double-walled tanks (87 and 91) with pressurized piping. The UST system is monitored by a VR TLS-350 system. The monitor is operational for audible and visual alarms. Alarm history was reviewed. The sensors in the tank annulars (VR 420) and piping sumps (VR 208) were tested and passed when submerged in fluid. Line leak detectors were tested and operational. UDC sensors (VR 208) were tested and passed. Spill bucket testing was completed after inspector departure. Testing was conducted by Jose Rodriguez of California Maintenance & Environmental. Technician certifications (ICC/ VR) were verified. Please submit the test reports to this agency within 30 days. The following documents were available for review: monitoring plan, leak response plan, monitoring system certifications, DO monthly [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-10-2016
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the secondary containment test report for a test conducted 3/17/16. The test report appears consistent with the OCHCA-approved testing procedure submitted by PCET, Inc. The following components PASSED testing: - STP Sumps - Piping Sump - Fill Sumps - Secondary piping - Annulars - UDCs The following components FAILED testing: - 91 Vent Secondary Piping
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-20-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Research and email to operators re: SB989 failure on vent piping (test on 3/2016)
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-30-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted HMBEP submittal. Facility has disclosed 2 chemicals.

BEACON BAY CAR WASH (Continued) **S101631429**

Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-03-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Onsite for followup inspection. Need to verify change of ownership information - will return in 2 weeks.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS Review: Facility Information - Please indicate "No" for any business activities in which your company is no longer engaged (i.e. underground storage tanks). Please revise and resubmit within 30 days (December 8, 2017). If you have any questions, please contact Denamarie Baker at dbaker@ochca.com or 714-433-6218. Hazardous Materials Inventory & Emergency Response & Training Plans - On the Business Activities page, please indicate "No" for any business activities in which your company is no longer engaged (i.e. underground storage tanks). Please revise and resubmit within 30 days (December 8, 2017). If you have any questions, please contact Denamarie Baker at dbaker@ochca.com or 714-433-6218. Underground Storage Tanks - Comments by regulator: Please indicate date of UST removal in the "Date UST permanently closed" field. Please revise and resubmit within 30 days (December 8, 2017). If you have any questions, please contact Denamarie Baker at dbaker@ochca.com or [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-19-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Verified business is under new ownership. No hazardous waste remains on site.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Refunded this plan check. Non-regulated piping. Please close SR.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown

BEACON BAY CAR WASH (Continued) **S101631429**

Eval Date:	01-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Called about refunded plan check
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	2017 HMBEP Annual Certification Approval. The following documents were received and ACCEPTED on CERS: Business Activities Business Ownership Information Chemical Inventory for 2 material(s) Facility Site Map Emergency Plan
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-15-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	A routine hazardous waste inspection was conducted this date. Access to the facility was provided by the on-site manager. Hazardous waste observed onsite included: - Non-RCRA liquid (water/gasoline mixture) - Non-RCRA solid (absorbent) Municipal dumpster area does not appear to contain any hazardous waste. Perimeter of facility inspected - did not observe any indication of a hazardous waste release. Hazardous Waste Emergency Response information exists onsite in the Business Emergency Plan. Employees that manage hazardous waste are given jobsite training. Hazardous waste containers were observed to be properly labeled and covered during inspection. Reviewed consolidated manifests and manifests for all hazardous waste streams. Please keep onsite all hazardous waste disposal receipts/manifests for three years.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-01-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR0128321 SB989 repair Scope of Work: - Excavate 91 vent pipe and replace secondary containment boot. - Test line at 5 psi for 60 minutes Vent pipe only - to be determined.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-13-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	New owner of facility required to submit BEP electronically.
Eval Division:	Orange County Environmental Health

BEACON BAY CAR WASH (Continued) **S101631429**

Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-30-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and declined UST submittal. The following corrections are needed: TANK PAGE G BOTH TANKS G Riser Pipe Secondary Containment = Fiberglass (a containment sump is present) MONITORING PLAN - REGULAR UNLEADEDG complete the Secondary Containment System field for the Tank Monitoring (i.e. dry) MONITORING PLAN G PREMIUM G complete the Piping Secondary Containment field (i.e. dry) Facility has included monitoring system test report in their submittal. Reviewed monitoring system, leak detector and spill bucket test reports dated 3/14/17. All components passed testing.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-17-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A review of this facility's CERS submittal was conducted today. The submittal was found to be in compliance.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-12-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Questions re: inspectors and districts
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification for 3-14-17
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-09-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB 989 test notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

BEACON BAY CAR WASH (Continued) **S101631429**

Eval General Type:	Other/Unknown
Eval Date:	03-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-15-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	An on-site inspection was conducted this date to witness the annual monitoring system certification. Jose Rogriguez (California Maintenance) conducted the monitoring system certification and provided current Veeder-Root and ICC certifications. This facility contains: 2 - 12000g USTs (91 and 87) 4 G UDCs Overfill protection provided by audible/visual alarms. Monitor is a Veeder-Root and reads all functions normal. Sensors were observed positioned so as to initiate alarms at the earliest point possible. Alarm history and setup tape reviewed while on site. The following were tested: - Sensors, initiated positive shutdown to the turbines when tested in water - G Fail SafeG and G Sensor OutG , shutdown the turbines - ATGs, set at 90% for an external audio and visual alarm - Spill buckets using a visual hydrostatic test - Leak detectors. Documents reviewed onsite: - Permit to operate - Previous Monitoring System Certification conducted on 3/17/15 - [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A UST monitoring system certification, leak detector, and spill bucket report was received by this agency. Testing at this facility was conducted on 3/17/15 and witnessed by this inspector. The report and data show PASSING results.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-09-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS review: BA/OW page - add EPA ID to EC
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

BEACON BAY CAR WASH (Continued) **S101631429**

Eval Notes:	On site to provide CERS assistance; met with Miguel Becerra of Newport Coast Car Wash. Completed Facility Information, started Hazardous Materials Inventory and Emergency Response & Training Plans. Complete and submit within 30 days: Site map Consolidated Emergency Response/Training Plan CERS can be accessed at http://cers.calepa.ca.gov Email report to: junchow278@gmail.com and mbecerra1975@gmail.com
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-09-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR0128321 Review of plan and verification from contractor Patrick McMurphy. Replacement of secondary containment for vent riser will NOT go through sump. Plan review not required for vent riser secondary containment change. SR0128321 cancelled.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-22-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR0128321 Plan status cancelled (scope of work does not require a plan review). Request for refund ($448) submitted to CLane for approval this date.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-21-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Email received from operator re: repairs. Rcv 7/20/16: The contractor just received the parts last Friday. It should be installed by next week.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-06-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site follow-up inspection of this facility was conducted today. Our records indicate that a violation was noted on 6/10/16 and that violation was expected to have been corrected. Provide information on the status of the violation noted below. Failure to correct the violations may result in further enforcement that may include fines and other penalties. I382 - The following component failed secondary containment testing and must be repaired/replaced: - 91 vent secondary piping

BEACON BAY CAR WASH (Continued) **S101631429**

Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Discussion with consultant (Robert) re: change in permit cycle.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-07-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This agency has received the requested DO reports. Violation I276 was corrected and closed. Violation I382 was corrected per previous plan check refund.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-07-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Violation guidance
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST submission declined in CERS. The following notes were included in the review: Indicate tank secondary containment system (dry/wet). Provide MLLD model # (LD2000). Mark G noG for UDC monitoring stops flow of product at dispenser. Provide date on the CFO letter. CFR dated 1/1/17.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-03-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Onsite for followup inspection. Need to verify change of ownership information - will return in 2 weeks.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection

BEACON BAY CAR WASH (Continued) **S101631429**

Eval Date:	12-19-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Facility is under new ownership. Reportable quantities of hazardous materials on site include: 120 gallons liquid soap 60 gallons rinse aid There are 2 empty hazardous waste drums on site left from previous business owner. Empty containers must be disposed of within 1 year of empty date. Facility is regulated under the Hazardous Materials Business Plan program and must electronically disclose via the California Environmental Reporting System (CERS) within the next 30 days. Website = cers.calepa.ca.gov. For assistance with CERS, Orange County Environmental Health offers disclosure help in office on Thursdays from January through March 2018. Please call 714-433-6000 to make a reservation.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-19-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Verified business is under new ownership. No hazardous materials remain on site from this Owner.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	56616
Facility Name:	Petrolink Superior #80002
Env Int Type Code:	HMBP
Program ID:	10513075
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.666380
Longitude:	-117.867450

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	june chow
Entity Title:	Not reported
Affiliation Address:	4200 birch st
Affiliation City:	newport beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92600
Affiliation Phone:	(626) 890-8889

Affiliation Type Desc:	Operator
Entity Name:	june chow
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

BEACON BAY CAR WASH (Continued) **S101631429**

Affiliation Zip:	Not reported
Affiliation Phone:	(626) 890-8889
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6000
Affiliation Type Desc:	Environmental Contact
Entity Name:	miguel becerra
Entity Title:	Not reported
Affiliation Address:	4200 birch st
Affiliation City:	newport beach
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92600
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	4200 birch st
Affiliation City:	newport beach
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92600
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	miguel becerra
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	miguel becerra
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	NEWPORT COAST CAR WASH & STEVE'S DETAILING
Entity Title:	Not reported
Affiliation Address:	Not reported

BEACON BAY CAR WASH (Continued) **S101631429**

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: BEACON BAY AUTO WASH #08
Address: 4200 BIRCH
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 200253
CERS ID: T0605901107
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DENAMARIE BAKER - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E. DYER ROAD, STE. 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336255

70
WSW
1/4-1/2
0.335 mi.
1767 ft.

AVIS RENT-A-CAR **HIST CORTESE** **S110060382**
4101 **N/A**
SANTA ANA, CA 92707

Relative:
Lower

Actual:
47 ft.

HIST CORTESE:
edr_fname: AVIS RENT-A-CAR
edr_fadd1: 4101
City,State,Zip: SANTA ANA, CA 92707
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083002802T

71
NW
1/4-1/2
0.374 mi.
1975 ft.

TEXACO **LUST** **S101299862**
4678 CAMPUS **HIST CORTESE** **N/A**
NEWPORT BEACH, CA 92660 **CERS**

Relative:
Lower

Actual:
49 ft.

ORANGE CO. LUST:
Name: TEXACO
Address: 4678 CAMPUS DR
City,State,Zip: NEWPORT BEACH, CA 92660
Region: ORANGE
Facility Id: 85UT098
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 02/26/2002
Record ID: RO0000777

TEXACO (Continued) **S101299862**

LUST REG 8:

Name:	TEXACO
Address:	4678 CAMPUS
City:	NEWPORT BEACH
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000403T
Local Case Num:	85UT098
Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900321
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:	11/4/1985
Enforcement Date:	Not reported
Close Date:	2/26/2002
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:	33.671486
Longitude:	-117.8646166
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:	TME
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported

TEXACO (Continued) **S101299862**

Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

LUST:
Name: TEXACO
Address: 4678 CAMPUS
City,State,Zip: NEWPORT BEACH, CA 92660
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900321
Global Id: T0605900321
Latitude: 33.6712909
Longitude: -117.864544
Status: Completed - Case Closed
Status Date: 02/26/2002
Case Worker: DB
RB Case Number: 083000403T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 85UT098
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605900321
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605900321
Contact Type: Regional Board Caseworker
Contact Name: MIGUEL OVIEDO
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 Main Street, Suite 500
City: RIVERSIDE
Email: miguel.oviedo@waterboards.ca.gov
Phone Number: 9517823238

LUST:
Global Id: T0605900321
Action Type: Other
Date: 11/04/1985
Action: Leak Discovery

Global Id: T0605900321
Action Type: REMEDIATION
Date: 11/01/1990
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605900321
Action Type: REMEDIATION

TEXACO (Continued) **S101299862**

Date: 11/01/1990
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900321
Action Type: Other
Date: 11/04/1985
Action: Leak Reported

Global Id: T0605900321
Action Type: ENFORCEMENT
Date: 02/26/2002
Action: Closure/No Further Action Letter

LUST:
Global Id: T0605900321
Status: Open - Case Begin Date
Status Date: 11/04/1985

Global Id: T0605900321
Status: Completed - Case Closed
Status Date: 02/26/2002

HIST CORTESE:
edr_fname: TEXACO SERVICE STATION
edr_fadd1: 4678
City,State,Zip: NEWPORT BEACH, CA 92660
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000403T

CERS:
Name: TEXACO
Address: 4678 CAMPUS
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 254031
CERS ID: T0605900321
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DENAMARIE BAKER - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E. DYER ROAD, STE. 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336255

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 Main Street, Suite 500
Affiliation City: RIVERSIDE

TEXACO (Continued) **S101299862**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517823238

Q72 **TALLMANTZ-COUNTY OF ORANGE** **LUST** **U001578343**
NW **19711 AIRPORT S** **UST** **N/A**
1/4-1/2 **SANTA ANA, CA 92707** **HIST UST**
0.418 mi. **HIST CORTESE**
2208 ft. **Site 1 of 6 in cluster Q**

Relative: **Lower**
Actual: **49 ft.**

LUST REG 8:

Name:	TALLMANTZ AVIATION
Address:	19711 AIRPORT WAY
City:	SANTA ANA
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000566T
Local Case Num:	93UT094
Case Type:	Aquifer affected
Substance:	Solvents
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	CAMPUS
Enf Type:	MRP
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605900452
How Stopped Date:	Not reported
Enter Date:	7/21/1987
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	1/7/2003
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	7/20/1987
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	7/21/1987
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6694901
Longitude:	-117.8681747
MTBE Date:	3/1/2000
Max MTBE GW:	1
MTBE Concentration:	1

TALLMANTZ-COUNTY OF ORANGE (Continued) **U001578343**

Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	RS
Staff Initials:	AR
Lead Agency:	Regional Board
Local Agency:	30000L
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

UST:

Name:	TALLMANTZ-COUNTY OF ORANGE
Address:	19711 AIRPORT S
City,State,Zip:	SANTA ANA, CA 92707
Facility ID:	12783
Permitting Agency:	ORANGE COUNTY
Latitude:	33.70597
Longitude:	-117.86808

HIST UST:

Name:	TALLMANTZ AVIATION INC
Address:	19711 AIRPORT WAY SOUTH
City,State,Zip:	SANTA ANA, CA 92707
File Number:	0002EEB6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EEB6.pdf
Region:	STATE
Facility ID:	00000011768
Facility Type:	Gas Station
Other Type:	AIRPORT-RETAIL
Contact Name:	WILLIAM SWARTS
Telephone:	7145451193
Owner Name:	TALLMANTZ AVIATION,INC.
Owner Address:	19711 AIRPORT WAY SOUTH
Owner City,St,Zip:	SANTA ANA, CA 92707
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1970
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0.302
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1970
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	06

TALLMANTZ-COUNTY OF ORANGE (Continued) **U001578343**

Container Construction Thickness: 0.302
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1970
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 0.302
Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

HIST CORTESE:
edr_fname: TALLMANTZ AVIATION
edr_fadd1: 19711
City,State,Zip: SANTA ANA, CA 92707
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000566T

edr_fname: BUSHARD FIRE STATION
edr_fadd1: 19711
City,State,Zip: SANTA ANA, CA 92707
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001699T

R73 **AMR COMBS FUEL FARM** **LUST** **S104574118**
NW **19301 CAMPUS DR** **CERS HAZ WASTE** **N/A**
1/4-1/2 **SANTA ANA, CA 92707** **CERS TANKS**
0.425 mi. **Cortese**
2242 ft. **Site 1 of 2 in cluster R** **EMI**
HIST CORTESE
Relative: Lower **CERS**

Actual: 50 ft.

LUST REG 8:
Name: AMR COMBS FUEL FARM
Address: 19301 CAMPUS DR
City: SANTA ANA
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Preliminary site assessment underway
Case Number: 083003488T
Local Case Num: Not reported
Case Type: Other ground water affected
Substance: Jet Fuel
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: QUAIL
Enf Type: Not reported
Funding: Not reported
How Discovered: OM

AMR COMBS FUEL FARM (Continued) **S104574118**

How Stopped:	Not reported
Leak Cause:	Overfill
Leak Source:	Tank
Global ID:	T0605902296
How Stopped Date:	Not reported
Enter Date:	6/15/1999
Date Confirmation of Leak Began:	11/23/1998
Date Preliminary Assessment Began:	12/16/1998
Discover Date:	11/23/1998
Enforcement Date:	Not reported
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:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	6/15/1999
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.671187
Longitude:	-117.8661206
MTBE Date:	3/1/2000
Max MTBE GW:	200
MTBE Concentration:	2
Max MTBE Soil:	.22
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	C
Staff:	RS
Staff Initials:	JB
Lead Agency:	Regional Board
Local Agency:	Santa Ana, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: AT ORANGE CO. AIRPORT

CERS HAZ WASTE:

Name:	MENZIES AVIATION
Address:	19301 CAMPUS DR STE 253
City,State,Zip:	SANTA ANA, CA 92707
Site ID:	418485
CERS ID:	10565611
CERS Description:	Hazardous Waste Generator

Name:	ACI JET ORANGE COUNTY, LLC
Address:	19301 CAMPUS DR STE 100
City,State,Zip:	SANTA ANA, CA 92707
Site ID:	419484
CERS ID:	10518223
CERS Description:	Hazardous Waste Generator

AMR COMBS FUEL FARM (Continued) **S104574118**

CERS TANKS:

Name:	MENZIES AVIATION
Address:	19301 CAMPUS DR STE 253
City,State,Zip:	SANTA ANA, CA 92707
Site ID:	418485
CERS ID:	10565611
CERS Description:	Aboveground Petroleum Storage

Name:	ACI JET ORANGE COUNTY, LLC
Address:	19301 CAMPUS DR STE 100
City,State,Zip:	SANTA ANA, CA 92707
Site ID:	419484
CERS ID:	10518223
CERS Description:	Aboveground Petroleum Storage

CORTESE:

Name:	AMR COMBS FUEL FARM
Address:	19301 CAMPUS DR
City,State,Zip:	SANTA ANA, CA 92707
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605902296
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - REMEDIATION
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	MARTIN AVIATION, L.P.
Address:	19301 CAMPUS DR
City,State,Zip:	SANTA ANA, CA 92707
Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	84479
Air District Name:	SC
SIC Code:	4581
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

AMR COMBS FUEL FARM (Continued) **S104574118**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MARTIN AVIATION, L.P.
Address:	19301 CAMPUS DR
City,State,Zip:	SANTA ANA, CA 92707
Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	84479
Air District Name:	SC
SIC Code:	4581
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 Smllr Tons/Yr:	0

HIST CORTESE:

edr_fname:	AMR COMBS FUEL FARM
edr_fadd1:	19301
City,State,Zip:	SANTA ANA, CA 92707
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083003488T

CERS:

Name:	MENZIES AVIATION
Address:	19301 CAMPUS DR STE 253
City,State,Zip:	SANTA ANA, CA 92707
Site ID:	418485
CERS ID:	10565611
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	418485
Site Name:	Menzies Aviation
Violation Date:	01-28-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 01/28/2019. Oil with absorbent was observed to be stored in quantities greater than 500 lbs but was not disclosed on the CERS submital. Corrective Action: During the inspection the CERS submittal was updated to include oil with absorbent. No further correction is necessary.

AMR COMBS FUEL FARM (Continued) **S104574118**

Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous materials and business emergency plan inspection. The inspection was conducted with Andrew Olson, General Manager. Observed the facility and inspected hazardous materials storage. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure: - Jet A- 5000 gallons - Diesel Fuel-Low Sulfur- 600 gallons - Gasoline- 600 gallons - Oil with absorbent- 500 pounds REQUIREMENT FOR ELECTRONIC SUBMITTAL OF HMBEP DOCUMENTS: This report serves as notice that the facility must submit the following documents electronically within 30 days of this report: - Business Activities - Owner/Operator Information - Hazardous Materials Inventory - Site Map - Emergency Response Plan - Employee Training Plan The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-14-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to perform a Hazardous Materials Inspection, accompanied by Amanda Nesbit, Hazardous Waste Specialist. Escorted by Ed Arnitz with AMEC Foster Wheeler, JWA Consultant. This is a follow-up inspection to the routine inspection performed on 10/14/2014 at the Ground Service Equipment (GSE) maintenance location at Westside Hangar. Unaware at that time of containers be stored near the terminal building. During inspection identified containers of hazardous waste stored on a spill cart between gates 20 and 21, used for storage of contaminated debris generated during maintenance of jets. Containers were observed closed, labeled, and dated. Inspected trash receptacles near gates 20 and 21 - did not observe any hazardous waste. Contact this inspector with any questions at (714) 720-1883 or by email at tgrogan@ochca.com. No hazardous waste violations were cited. A copy of this report was emailed to Andy Olson, Manager, on 9/30/2016.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CERS ID #10565611 On site to perform a Hazardous Materials routine inspection, met with Andy Olson, General Manager. Reviewed CERS disclosure information transferred from E-Submit on 2/23/3017.

AMR COMBS FUEL FARM (Continued) **S104574118**

Assisted with completing all required forms on CERS. The following hazardous materials requires disclosure: - Jet A Fuel: 5000 gal. Tank Truck and 17 - Fuel Carts each with approx. 30 gal. - Gasoline: 600 gal. Tank Truck - Diesel #2 Fuel: 600 gal. Tank Truck Inspected "Commercial Flight Line" along all 21 commercial terminal gates. Identified tank trucks and parking locations on Flight Line. Each tank truck is equipped with fire extinguishers. Each terminal gate along Commercial Flight Line has an emergency eye wash and shower, emergency fuel shut off switch, and fire extinguishers. Fuel Carts are located at each of the 21 gates, equipped with emergency procedures, fire extinguisher, and emergency shut off switch. The fuel carts are connected to the underground fuel [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-30-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed CERS ID # 10565611, submittal date 2/22/2018 sections: facility information, hazardous materials inventory, and emergency response and training plans. Accepted: Facility information and Emergency Response/Training Plans Not Accepted: Hazardous Materials Inventory. Provide a more detailed site map. Please include the following: north orientation, loading areas and internal roads if applicable, adjacent streets, storm drains and sewers, access and exit points, emergency gas/water/electric shutoffs, evacuation staging area, hazardous material storage and handling areas, and emergency response equipment (fire extinguishers and hydrants).
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed file and emailed Andrew Olson to schedule inspection at facility.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-19-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Processed A21.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2019
Violations Found: No
Eval Type: Routine done by local agency

AMR COMBS FUEL FARM (Continued) **S104574118**

Eval Notes:	CHANGE OF OWNERSHIP Inspected the hazardous waste storage area and the fuel cart storage area with Andrew Olson, General Manager. Verified owner as MENZIES AVIATION and number of employees as 18. The facility had registered for an EPA ID# CAL000437607. No hazardous waste manifests were available for review, waste has not been hauled since ownership has changed. The emergency response plan was observed on the office. No violations were observed during the inspection. A copy of this report was sent to Andrew Olson at andrew.olson@menziesaviation.com.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-13-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The submittal dated 11/18/2018 was reviewed for sections: Facility Information and Hazardous Materials Inventory Facility Information: Accepted, the change of ownership was confirmed on the 1-28-2019 routine inspection. Hazardous Materials Inventory: Not Accepted: Please add the Oil with Absorbent to the disclosure. The disclosure is also missing the Emergency Response and Training Plans section.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-13-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Obtained copy of 2016/17 invoice, forwarded to Andy Olson in email instructing to pay on line with credit card by 9/16/2016. Submitted RUR to change facility mailing and billing addresses to 201 S. Orange Ave., Orlando, FL 32801 for future mailings.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-07-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous waste inspection. Met with and obtained consent from Julie Broderick, Area Director, and Ken Boes, Duty Manager, with Signature Flight Support, and Luis, mechanic. Operations at Aircraft Services International Group is affiliated with Signature Flight Support, however hazardous waste generated is managed separately. Inspected hazardous waste storage area located at Ground Service Equipment (GSE) Maintenance site located at Westside Hangars. Storage area is shared with Signature Flight Support. Observed containers of waste oil, waste coolant, waste absorbent, and drained filters, all were closed, labeled, and dated. Walked area around hangar and inspected trash receptacles - did not observed any hazardous waste. Manifests and bills of lading for transportation and disposal of hazardous waste in 2012 and 2013 were reviewed. Paperwork is maintained with Signature Flight documents. Calculated and updated

AMR COMBS FUEL FARM (Continued) **S104574118**

annual hazardous [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine hazardous waste inspection. Met with and obtained consent from Ed Valdez, Aircraft Fuel Quality Control Technician, with Signature Flight Support who provided access to the GSE Maintenance facility. Later in day, met with Andy Olson, Manager, with Aircraft Service International Group (ASIG) to review paperwork and discuss inspection. The GSE Maintenance facility is operated by Signature Flight Support group, but maintenance is also performed on equipment owned and operated by ASIG, a sister company. Waste generated on site is segregated in separate containers for the two businesses and manifested off site under separate EPA ID numbers. Containers located at the GSE Maintenance site are for the storage of waste oil, drained oil filters, waste absorbent, and waste coolant. Containers were closed, and properly labeled and dated. Walked facility and perimeter; inspected municipal trash - did not observed any hazardous waste. Manifests [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-12-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Sent copy of 10/14/2014 inspection report to Andrew Olson.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-06-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed E-Submit submittal, printed, and emailed Andy Olson to schedule inspection.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-07-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed & printed previous inspection history prior to inspection on 12/8/16.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

AMR COMBS FUEL FARM (Continued) **S104574118**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-10-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine hazardous materials and business emergency plan inspection. The inspection was conducted with Andrew Olson, General Manager. Observed the facility and inspected hazardous materials storage. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure: - Jet A- 5,000 gallons - Diesel- 600 gallons - Gasoline- 600 gallons - Spent Absorbent- 500 pounds REQUIREMENT FOR ELECTRONIC SUBMITTAL OF HMBEP DOCUMENTS: - Business Activities - Owner/Operator Information - Hazardous Materials Inventory - Site Map - Emergency Response Plan - Employee Training Plan The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change. Hazardous Materials documents can be [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-08-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	PROCESSED CHANGE OF OWNER PER INSPECTOR PETER HUTHMACHER AND ADDED TA RECORD
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-13-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Read/review pre 2015 HMBEP submission. Accepted pending review of the more recent submission.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-09-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Onsite to review the Spill Prevention Control and Countermeasure plan. During the inspection the plan was reviewed and completed. Violation I031 was observed to be corrected, no further corrective action necessary. A copy of this report was sent to andrew.olsen@asig.com.
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-25-2016

AMR COMBS FUEL FARM (Continued) **S104574118**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	7/25/16 Your HMBEP has been reviewed and conditionally accepted. Please fill in all required information on the Business Owner Operator page marked with a red asterisk. Thank you ---------- Read/review 2015 HMBEP. Rejected: 1) The business activities page needs the "A" box checked (hazardous materials and the "E" box checked (hazardous waste). 2) the owner/operator page needs all boxes marked with a red asterisk completed. Please make the requested changes and re submit for re evaluation.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-12-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Met with Andy Olson, Manager, regarding returned 2015/16 invoice #IN1026852, for $691.25. Mr. Olson stated he has not received a lot of mail, mailboxes not located at front doors and may be reason why. Discussed changing mailing address to corporate office in Orlando, FL. Contacted Vanessa in Accounting, she stated the post office returned Invoice #IN1068032 for 2016/17 fees. Mr. Olson was contacted by John Sarfati with OC TTC to pay 2015/16 fees. He paid online with credit card on 8/16/2016 and received confirmation. Vanessa stated she would reinstate 16/17 invoice and Mr. Olson will be able to pay in 24 hours on line. Vanessa provided invoice #, account #, and stated to only pay the new amount of $560. Submitting RUR to change billing address to - 201 S. Orange Ave., Orlando, FL 32801, for future billing.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-07-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to perform a new Hazardous Materials inspection. Met with and obtained consent from Julie Broderick, Area Director, and Ken Boes, Duty Manager. Hazardous Materials Business Plan, Chemical Inventories, and Facility Map, must be submitted electronically within 30 days to this Agency through our portal: www.esubmit.ocgov.com. Please obtain a username and password for the Orange County E-Submit Portal by visiting www.esubmit.ocgov.com. Online forms must be submitted within 30 days of obtaining log-on information. Maintain paper copies of submitted information on site and keep updated as necessary. User guides and tutorials are located on the home page to help you get started. If you need assistance, please contact the E-Submit Portal Help Line at 714-834-2511 or email your questions to esubmit@ochca.com. Disclose only those hazardous materials and hazardous waste that equal or exceed the following thresholds: - 55 gallons for a liquid - 500 pounds for a [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

AMR COMBS FUEL FARM (Continued) **S104574118**

Eval General Type:	Other/Unknown
Eval Date:	10-14-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site to discuss disclosure of hazardous materials. Met with Andy Olson, Manager. Informed by Julie Broderick, Area Manager, and Ray De Leon, Area HS & E Manager, with Signature Flight Support, hazardous waste and materials being stored and used at the GSE Maintenance site will be disclosed by Signature Flight Support. Hazardous materials being stored in hangar, flight, and office area of Aircraft Service International Group (ASIG) needs to be disclosed electronically on E-Submit Portal. Review of E-Submit website indicates disclosure was submitted on 2/26/2014 and is pending review by this Agency. No further action is required until a response by email and through E-Submit Portal is received. If you have any questions, please contact this inspector at (714) 720-1883 or tgrogan@ochca.com. A copy of this report was emailed to Mr. Olson on 11/12/2014.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-20-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Read/review 2015 HMBEP. Rejected: 1) The business activities page needs the "A" box checked (hazardous materials and the "E" box checked (hazardous waste). 2) the owner/operator page needs all boxes marked with a red asterisk completed. Please make the requested changes and re submit for re evaluation.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	11-12-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Sent copy of 10/14/2014 inspection report to Andrew Olson.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-07-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed & printed previous inspection history prior to inspection on 12/8/16.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Andrew Olson
Entity Title:	General Manager

AMR COMBS FUEL FARM (Continued) **S104574118**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	AIRCRAFT SERVICES INTL GROUP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6000
Affiliation Type Desc:	Document Preparer
Entity Name:	Andrew Olson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	MENZIES AVIATION
Entity Title:	Not reported
Affiliation Address:	4900 Diplomacy Rd.
Affiliation City:	Fort Worth
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	76155
Affiliation Phone:	(469) 281-8200
Affiliation Type Desc:	Property Owner
Entity Name:	County of Orange/John Wayne Airport
Entity Title:	Not reported
Affiliation Address:	3160 Airway Ave.
Affiliation City:	Costa Mesa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92626
Affiliation Phone:	(949) 252-5200

AMR COMBS FUEL FARM (Continued) **S104574118**

Affiliation Type Desc:	Environmental Contact
Entity Name:	Darrell Mullins
Entity Title:	Not reported
Affiliation Address:	AMF Box 22287
Affiliation City:	Salt Lake City
Affiliation State:	UT
Affiliation Country:	Not reported
Affiliation Zip:	84116
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	19301 CAMPUS DR STE 253
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92707
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	MENZIES AVIATION
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 279-4071

Name:	ACI JET ORANGE COUNTY, LLC
Address:	19301 CAMPUS DR STE 100
City,State,Zip:	SANTA ANA, CA 92707
Site ID:	419484
CERS ID:	10518223
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	419484
Site Name:	ACI Jet Orange County, LLC
Violation Date:	05-30-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/30/2017. Containers of hazardous waste must be marked and dated at time of initial accumulation. Drum of fuel waste was labeled and dated during inspection. Insure waste containers are properly managed as a hazardous waste within 180 days from the accumulation start date. Violation CORRECTED
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS

AMR COMBS FUEL FARM (Continued) **S104574118**

Site ID:	419484
Site Name:	ACI Jet Orange County, LLC
Violation Date:	10-16-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/16/2017. Hazardous Waste Containers must be properly identified and dated when waste is initially placed in them. During inspection CORRECTED violation.
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	419484
Site Name:	ACI Jet Orange County, LLC
Violation Date:	10-05-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 11/17/2017. Reviewed E-Submit Maps for Main Hangar and GSE Maintenance located in South Hangars. Map does not provide location of materials at GSE facility and need to update all maps with required elements. Within 30 days of transfer from E-Submit to CERS, make corrections as necessary.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	419484
Site Name:	ACI Jet Orange County, LLC
Violation Date:	10-16-2017
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 11/17/2017. Update CERS Business Activities and Owner/Operator Information as stated in report.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	419484
Site Name:	ACI Jet Orange County, LLC
Violation Date:	10-16-2017
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 01/14/2019. Facility is currently using a temporary EPA ID number for continued generation of waste. Temporary ID numbers are for one-time use, however after observing waste

AMR COMBS FUEL FARM (Continued) **S104574118**

	generated and review of disposal records, then this facility needs to obtain a permanent EPA ID number. Once obtained, provide to this Agency and update CERS submittals for all addresses at JWA that generates hazardous waste. Need to correct within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	419484
Site Name:	ACI Jet Orange County, LLC
Violation Date:	10-16-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/17/2017. Update CERS Inventory pages as outlined in report.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	419484
Site Name:	ACI Jet Orange County, LLC
Violation Date:	10-05-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/17/2017. The hazardous materials inventory does not correspond with materials and waste being stored at the GSE Hangar. After transition from E-Submit to CERS, revise inventory within 30 days, a follow-up inspection will need to be required to verify all information was transferred and to review updated maps.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	419484
Site Name:	ACI Jet Orange County, LLC
Violation Date:	05-30-2017
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan.
Violation Notes:	Returned to compliance on 11/14/2017. Prepare SPCC Plan for all petroleum material stored on site at this location and Fuel Farm location. Volume is greater than 10,000 gallons, needs to be certified by a Professional Engineer and employees trained on the Plan. Complete and notify this inspector by 8/14/2017.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS

AMR COMBS FUEL FARM (Continued) **S104574118**

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-13-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Discussed HMBP disclosure for Atlantic Aviation with K. Baitx. He was informed by Maria Pope with JWA that there is a pole with the address 19853 Campus Dr. at Atlantic Aviation's UST area. Obtained files for this facility, Kevin and I will meet to verify the correct addresses for USTs, HW, and storage of HM.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-30-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ACI Jet Orange County, LLC - Office/Hangar 19301 Campus Dr. Santa Ana, CA 92707 CERS ID #10518223 Informed ownership changed from Signature Flight Support to ACI Jet Orange County, LLC on April 1, 2017. Met with Andrew Robillard, VP FBO and Facilities, to inspect facility and complete change of ownership documentation. Inspected hazardous waste storage area located near the fuel farm. The integrity of the AST used by previous owner to store waste fuel was found by Mr. Robillard to be in poor condition. The waste fuel was drained from the tank and transported offsite under the temporary EPA ID number, CAC002911472. The tank is currently locked and is pending removal for offsite hazardous waste disposal. Also observed several 55 gallon drums of hazardous waste generated during transfer of ownership and pending removal by hazardous waste transporter. Observed a 55-gallon drum of waste fuel generated by ACI Jet, stored on a secondary containment pallet with cover. [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-14-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous waste inspection. Met with and obtained consent from Julie Broderick, Area Director, Ken Boes, Duty Manager, and Ed Valdez, Aircraft Fuel Quality Control Technician. Later in day, met with Ray De Leon, Area Health, Safety, and Environmental Manager. Inspected hazardous waste storage areas at the South Storage Fuel Farm and at the Ground Service Equipment (GSE) Maintenance site located at the Westside Hangars. At South Fuel Farm, observed containers for canister fuel filters and fuel contaminated absorbent, and 500 gallon aboveground storage tank for waste flammable liquid (jet fuel and deicing solution). Containers were empty, recently had a pickup. The tank was properly labeled as hazardous waste, but difficult to read generator information. Mr. Valdez stated he needed to obtain a grease pencil to complete label in order to keep from fading. The GSE Maintenance facility is operated by Signature Flight Support group, but [Truncated]
Eval Division:	Orange County Environmental Health

AMR COMBS FUEL FARM (Continued) **S104574118**

Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-19-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received email from Raymond De Leon he will no longer be with company as of 3/23/2015. Requested he inform new contact to obtain access to E-Submit by contacting Portal Administrator.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-30-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	FA0027911 ACI Jet Orange County, LLC - Office/Hangar 19301 Campus Dr. Santa Ana, CA 92707 CERS ID #10518223 On site for the Aboveground Petroleum Storage Tank Program inspection and to review the Spill Prevention Control and Countermeasure (SPCC) Plan. No SPCC Plan was located on site during the inspection. Need to prepare and have signed by a professional engineer. A Tank Facility Statement is also required for facilities that store greater than 10,000 gallons of petroleum. This form is available on the OC CUPA website at www.occupainfo.com under the tab "Forms". Petroleum fuel is stored in 4 refueling tanker trucks parked near this location, inside the secured airport fencing. General secondary containment is required. The volumes are: - Aviation Gas: one 1200 gallon tanker truck - Jet A Fuel: two 5,000 gallon and one 3,000 gallon tanker trucks Petroleum material is also stored in 55 gallon drums near the Fuel Farm area. Sized secondary containment [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-05-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to perform a Hazardous Materials Inspection. Met with and obtained consent from Ken Boes, Duty Manager, and Tripp, Customer Service Supervisor. Hazardous materials and waste are being stored at the main hangar and at the GSE hangar for storage of materials used during maintenance of airplanes. Not able to inspect main hangar at the current time and the volume of waste oil and waste coolant stored in maintenance hangar was not listed on inventory during review on E-Submit following inspection. Currently, the E-Submit portal data is READ ONLY and will need to be corrected within 30 days of transfer to CERS. Once the transfer occurs, will need to perform a reinspection and review the revised submittal prior to accepting. During reinspection will need to discuss if GSE maintenance hangar will need a separate submittal from the headquarter and main hangar location. Fire Dept. requires separate locations (noncontiguous) that may have separate addresses to have [Truncated]
Eval Division:	Orange County Environmental Health

AMR COMBS FUEL FARM (Continued) **S104574118**

Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-10-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed file to prepare for 10/14/2014 inspection.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-14-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site to perform a follow-up Hazardous Materials inspection at the Ground Service Equipment (GSE) Maintenance site located at the Westside Hangars after reviewing Business Emergency Plan (BEP) and Chemical Inventory submitted electronically on the CUPAG s E-Submit Portal. Met with Ed Valdez, Aircraft Fuel Quality Control Technician, Julie Broderick, Area Director, and Ken Boes, Duty Manager. Consent to inspect was granted. Later in day, met with Ray De Leon, Area Health, Safety, and Environmental Manager to discuss disclosure documents. The GSE Maintenance facility is operated by Signature Flight Support group, but maintenance is also performed on equipment owned and operated by Aircraft Service International Group (ASIG), a sister company. Waste generated on site is segregated in separate containers for the two businesses and manifested off site under separate EPA ID numbers. Discussed and confirmed with Ms. Broderick, all hazardous materials and waste that must [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-11-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received voice mail and email from Ray De Leon with HMBP questions. Emailed the following information to him: Hi Ray, HereG s answers to your questions. Inspection letters were sent in October and November informing generators to submit their plans within 30 days of date of the letter, and if not a Notice of Violation (NOV) was to be issued. We have not discussed when the NOVs will be issued. I would anticipate after the new year our management will decide to start sending them out. I understand the time and difficulty it takes to complete and submit. Continue to work on the Plans and if you donG t have all the information, especially on the map or inventory, you can submit and we will request at time of our review or inspection the missing information and you can update then. The contact person for the Paularino address in Costa Mesa is Arghavan Rashidi-Fard, her number is 714-559-0107, and her email address is arashidi@ochca.com. You also asked if [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

AMR COMBS FUEL FARM (Continued) **S104574118**

Eval General Type:	Other/Unknown
Eval Date:	12-12-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	ADDED EPA ID#
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-11-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Contacted Gloria Jimenez, whom is submitting for the facility in CERS, to get the Business Activities page corrected.
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-30-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	ACI Jet Orange County, LLC - Office/Hangar 19301 Campus Dr. Santa Ana, CA 92707 CERS ID #10518223 Informed ownership changed from Signature Flight Support to ACI Jet Orange County, LLC on April 1, 2017. Met with Andrew Robillard, VP FBO and Facilities, to inspect facility and complete change of ownership documentation. Businesses with hazardous materials and/or hazardous waste that equals or exceeds the following threshold amounts are required to electronically submit a Hazardous Materials Business Plan (HMBP), Chemical Inventory forms, and Facility Map, to this Agency through the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov: - 55 gallons for a liquid (56 gallons for each weight of lubricating oil) - 500 pounds for a solid - 200 cubic feet for a gas - Extremely hazardous substances above threshold planning quantities Hangar space is leased by private planes owners, currently each owner is responsible for the maintenance of [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-25-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Read/review pre 2015 HMBEP submission. Accepted pending review of the more recent submission.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-07-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous waste inspection. Met with and

AMR COMBS FUEL FARM (Continued) **S104574118**

obtained consent from Julie Broderick, Area Director, and Ken Boes, Duty Manager. Inspected hazardous waste storage areas at the South Storage Fuel Farm and at the Ground Service Equipment (GSE) Maintenance site located at the Westside Hangars. At South Fuel Farm, observed containers for cannister fuel filters and 500 gallon aboveground storage tank for waste jet fuel. Filter containers were empty, recently had a pickup, and the tank was properly labeled as hazardous waste. Containers located at the GSE Maintenance site are for the storage of waste oil, waste absorbent, and waste coolant. Containers were closed, and properly labeled and dated. Discussed storage and labeling of empty containers - containers that will be stored for a length of time before being used need to be labeled as Empty and dated when emptied, and containers that are in use when emptied can be labeled Hazardous Waste [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-16-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: On site 10/16/17, this facility is associated with offices and hangar. Reviewed CERS submittals following inspection. Business Activities - NOT ACCEPTED - No UST at this location, need to uncheck the box for this address. Submittal of UST information needs to be with ACI Jet South Fuel Farm (CERS ID #10516441) - If EPA ID is assigned to this address, then include with this address as well as others that generate hazardous waste. - Mobile refuelers are located at this address and are included in the inventory list, therefore need to identify Aboveground Storage Tank on Business Activities page. - During inspection, informed billing address on Owner/Operator Identification should be 19301 Campus Dr, Suite 100, Santa Ana, CA 92707. - Business Activities page list EPA ID# CAD981385164, verified it's assigned to this business and is currently inactive. Need to activate and include this # on Business Activities page for Fuel Farm submittal. Hazardous Materials [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-28-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The E-Submit Hazardous Material and Business Emergency Plan submitted 12/19/2013 for Signature Flight Support at 19301 Campus Drive was reviewed on 10/28/2014 G DECLINED All hazardous materials and waste for Signature Flight Support was listed for 19301 Campus Drive, however all hazardous materials and waste located at the South Fuel Farm (19801 Campus Drive) needs to be submitted on a separate disclosure in E-Submit. Please refer to the 2 hazardous material inspection reports dated 10/14/2014. Listed below are the changes that need to be addressed prior to resubmitting: BUSINESS ACTIVITIES G Activities Declaration page indicates USTs on site, should have additional forms for submittal of UST pages. Please contact Portal Administrator at (714) 433-6000 to have the UST pages available to

AMR COMBS FUEL FARM (Continued) **S104574118**

complete and submit. BUSINESS OWNER OPERATOR G Verify information is correct, understand Environmental Contact needs to be updated. CHEMICAL DESCRIPTION G 1) Aviation [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Business Activities and Hazardous Materials Inventory were both ACCEPTED Comments made on CERS: Facility Information - ACCEPTED No changes noted since previous acceptance on 11/14/2017. Based on site maps, Environmental Health will update facility name to Office/Eastside Facility. Suggest making same change prior to next submittal. Haz Mat Inventory - ACCEPTED Verified requested maps of hangar and office space were provided. Based on Site Map, submittals for this location references Eastside Facility, therefore updating HCA/Environmental Health files to refer to this location as Office/Eastside Facility. Suggest updating CERS prior to next submittal to include this name in facility/site information to designate from other sites at JWA. The following violations were corrected as of this date: Violation I169 - Failure to Submit a Hazardous Materials Inventory - CORRECTED Verified inventory for this location was accurate based on observations made during on [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This is a follow-up inspection report to correct the following outstanding violation: Violation I352 - Failure to Obtain a Current EPA ID Number - CORRECTED During 11/14/2017 inspection was provided with California EPA ID number CAL000431687 assigned to this business. This number can be used for all hazardous waste generated by ACI Jet, LLC on JWA property. This report was emailed to Andrew Robillard and Kyle Cassidy. Any questions, please contact this inspector, Tim Grogan, at (714) 720-1883 or tgrogan@ochca.com.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-30-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBEP declined. The following notes were included in the review: "Provide the mailing address for the business owner. For motor oil waste, change the hazardous material type to waste, include an annual waste amount and state waste code. Combine the two entries for oxygen into one entry. Use the largest container and combine the maximum daily amounts. Indicate that transmission fluid is a pure material and remove the mixture component. Ensure that all of the following are

AMR COMBS FUEL FARM (Continued) **S104574118**

	labeled on the site map: -Evacuation staging area -Hazardous material storage and handling areas -Emergency response equipment -Storm drains and sewers -Entrances and exits -Loading docks Include only the maps relevant to the location in question. See previous comments below for more information."
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-14-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-14-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Upon review of HWTS, this site obtained an EPA ID # CAL000431687 on 10/23/17.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-14-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Verified facility EPA ID number as CAL000431687 on the Hazardous Waste Tracking System. The EPA ID number is active. Violation I352 has been observed to be corrected.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-13-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	File review to prep for audit. Facility is reporting APSA under CERS ID 10562596 at 361 E Paularino Ave, however APSA is captured under this PR. Called facility and spoke with Gloria Jimenez. Spoke with Dean and Alonso.
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-15-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS ID 10518223 APSA Submittal statement dated 3/14/19 is accepted. Note - the facility is a contiguous property. This program is

AMR COMBS FUEL FARM (Continued) **S104574118**

capturing APSA at 19801/19301 Campus Dr and 361 E Paularino.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-26-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 7/26/16 This submittal is being conditionally approved in order to facilitate transfer of data to California Electronic Reporting System (CERS) database. The facility will need to make the following revisions in CERS following notification of data transfer: Facility Map Review: Ensure that all of the following are labeled on the site map: -Evacuation staging area -Hazardous material storage and handling areas -Emergency response equipment -Storm drains and sewers -Entrances and exits -Loading docks Include only the maps relevant to the location in question. See previous comments below for more information.

---- 11/30/15 Provide the mailing address for the business owner. For motor oil waste, change the hazardous material type to waste, include an annual waste amount and state waste code. Combine the two entries for oxygen into one entry. Use the largest container and combine [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to perform a Hazardous Materials inspection for the Ground Service Equipment (GSE) Maintenance site. Met with and obtained consent from Julie Broderick, Area Manager, and Ken Boes, Duty Manager, to perform inspection. Hazardous Materials Business Plan, Chemical Inventories, and Facility Map, must be submitted electronically to this Agency through our portal: www.esubmit.ocgov.com. Please obtain a username and password for the Orange County E-Submit Portal by visiting www.esubmit.ocgov.com. Online forms must be submitted within 30 days of obtaining log-on information. Maintain paper copies of submitted information on site and keep updated as necessary. User guides and tutorials are located on the home page to help you get started. If you need assistance, please contact 714-433-6000. Disclose only those hazardous materials and hazardous waste that equal or exceed the following thresholds: - 55 gallons for a liquid - 500 pounds for a solid - 200 cubic for [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-10-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency

AMR COMBS FUEL FARM (Continued) **S104574118**

Eval Notes:	Reviewed file to prepare for 10/14/2014 inspection.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-16-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site to perform a follow-up inspection of stored hazardous waste. Met with Matt Garnett and Matt Siegfried with ACI Jet who provided consent for inspection and documentation review. Observed a drum of hazardous waste liquid stored on secondary containment pallet with cover. The drum was marked "Liquid" but not hazardous waste. During inspection, properly labeled drum with hazardous characteristics, physical property, generator information, and accumulation start date. Also observed storage drums that were empty, suggested turning over and storing on lid or marking as "EMPTY" and date. One 55-gallon metal drum stored with the empties contained flammable solids, completed a hazardous waste label with date and placed on drum. During inspection, provided hazardous waste labels that meet the California storage requirements. Copies of manifests were available for review from July to September 2017, noted the Generator EPA ID number used on all these manifests a [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-29-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Discussed with Ray De Leon disclosure for this facility, separate from other Signature Flight facilities.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site to meet with Andrew Robillard, Vice President of Facilities, and assist with CERS submittals. Reviewed each submittal for this location, made corrections and updates as requested during 10/16/2017 review. Business obtained a California EPA ID number - CAL000431687 All 3 ACI Jet facilities at JWA are on one contiguous property, therefore this one number can be used for all facilities and waste is allowed to be transferred from one facility to another facility provided it only stays within the compound of JWA. All CERS submittals were updated with this EPA ID number prior to submittal.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-14-2017

AMR COMBS FUEL FARM (Continued) **S104574118**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to meet with Andrew Robillard, Vice President of Facilities, and assist with CERS submittals. Reviewed each submittal for this location, made corrections and updates as requested during 10/16/2017 review. The APST submittal is applicable to this location (Office/Eastside Hangar) and Westside Hangar, where mobile refueling trucks are located and always kept full. Reviewed APST submittal, the complete SPCC Plan, dated 3/20/2017, was submitted on CERS. Informed Mr. Robillard, instructions only requests the AST Inventory be submitted, not the entire Plan. Accepted the APST submittal, but requested the entire Plan be removed. The following comment was provided on CERS: Reviewed list of tanks, containers, and equipment, that qualify under the SPCC Program. Only need to provide this list on CERS and not the entire SPCC Plan. State prefers large documents like the SPCC be maintained on site for review and not on CERS.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-14-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to meet with Andrew Robillard, Vice President of Facilities, and assist with CERS submittals. Reviewed each submittal for this location, made corrections and updates as requested during 10/16/2017 review. Once submitted, reviewed on site and was able to accept with minor corrections as stated in the following comments on CERS: Facility Information - ACCEPTED Verified corrections requested during last review and observations made during last on site inspection were complete. Noted Billing Address was listed as Campus Drive, Santa Ana. No changes are necessary. Hazardous Materials Inventory - ACCEPTED Inventory and maps correspond with observations made during last inspection. Suggest including with site maps, the 4 page Annotated Site Map that was submitted for South Fuel Farm. Emergency Response and Training Plans - ACCEPTED Verified no changes to Emergency Response and Contingency Plans since last accepted submittal. Information is accurate with [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This is a follow-up inspection after review of the most current CERS submittal dated 11/15/2017. APST submittal previously submitted and accepted on 11/14/2017 included the SPCC Plan, requested only the tank page be submitted. Reviewed currently submittal dated 11/15/2017 and verified only the list of tanks/containers qualifying under the APST Program was submitted. ACCEPTED Violation I085 - Failure to Prepare and Implement SPCC Plan - CORRECTED A copy of the SPCC Plan, dated 3/20/2017, certified by a Professional Engineer was provided to this inspector for review. Insure all employees responsible for implementing spill procedures are trained when hired and annually as

AMR COMBS FUEL FARM (Continued) **S104574118**

stated in Plan. Any administrative updates to this Plan also needs to be documented. Maintain daily, monthly, and annual logs with Plan on site and have available for review. Noted the address for this facility is incorrect (19855 Campus Dr., Costa Mesa, CA 92626) and needs to be changed to 19301 [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Whitney Schultz
Entity Title: Not reported
Affiliation Address: 945 Airport Drive
Affiliation City: San Luis Obispo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93401
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Aviation Consultants Inc.
Entity Title: Not reported
Affiliation Address: 945 Airport Drive
Affiliation City: San Luis Obispo
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93401
Affiliation Phone: (805) 782-9722

Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6000

Affiliation Type Desc: Document Preparer
Entity Name: Gloria Jimenez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: ACI Jet - Orange County (SNA)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

AMR COMBS FUEL FARM (Continued) **S104574118**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	19301 Campus Drive, Ste 100
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92707
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Gloria Jimenez
Entity Title:	CERS Administrator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	ACI Jet - Orange County, LLC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 201-2550
Affiliation Type Desc:	Property Owner
Entity Name:	County of Orange
Entity Title:	Not reported
Affiliation Address:	3160 Airway Ave
Affiliation City:	Costa Mesa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92626
Affiliation Phone:	(949) 252-5200

Name:	AMR COMBS FUEL FARM
Address:	19301 CAMPUS DR
City,State,Zip:	SANTA ANA, CA 92707
Site ID:	207339
CERS ID:	T0605902296
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA

AMR COMBS FUEL FARM (Continued) **S104574118**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

R74 **SIGNATURE FLIGHT SUPPORT** **RCRA-SQG** **1000412264**
NW **19301 CAMPUS DR** **LUST** **CAD981385164**
1/4-1/2 **SANTA ANA, CA 92707** **SWEEPS UST**
0.425 mi. **HIST UST**
2242 ft. **Site 2 of 2 in cluster R** **CA FID UST**
HIST CORTESE

Relative:
Lower

Actual:
50 ft.

RCRA-SQG:
Date form received by agency: 1999-07-12 00:00:00.0
Facility name: SIGNATURE FLIGHT SUPPORT
Facility address: 19301 CAMPUS DR
SANTA ANA, CA 92707-5234
EPA ID: CAD981385164
Contact: GARY POTTER
Contact address: 19301 CAMPUS DR
SANTA ANA, CA 92707-5234
Contact country: US
Contact telephone: 949-263-5847
Contact email: Not reported
EPA Region: 09
Land type: County
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: BBA GROUP PLC
Owner/operator address: 70 FLLET ST 6TH FLOOR
LONDON, EC4Y
Owner/operator country: GB
Owner/operator telephone: (011) 441-7184
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

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

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: 1992-03-30 00:00:00.0
Site name: MARTIN AVIATION
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 2003-01-10 17:22:10.0
Date achieved compliance: 1996-02-15 00:00:00.0
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: 2003-01-10 17:22:10.0
Date achieved compliance: 1996-02-15 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

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: 1991-02-15 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 1996-02-15 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 1991-02-15 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1996-02-15 00:00:00.0
Evaluation lead agency: EPA

LUST REG 8:
Name: MARTIN AVIATION (FUEL FARM)
Address: 19331 AIRPORT WAY
City: SANTA ANA
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Pollution Characterization
Case Number: 083000210T
Local Case Num: 86UT176
Case Type: Aquifer affected
Substance: Kerosene
Qty Leaked: 750
Abate Method: Not reported
Cross Street: BRISTOL
Enf Type: None Taken
Funding: State Funds
How Discovered: OM
How Stopped: Not reported
Leak Cause: Overfill
Leak Source: Piping
Global ID: T0605900160
How Stopped Date: Not reported
Enter Date: 12/31/1986
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 10/13/1986
Enforcement Date: Not reported
Close Date: Not reported
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: 5/12/1988
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: 2/20/1987
Date Post Remedial Action Monitoring: Not reported
Enter Date: 12/31/1986
GW Qualifies: =
Soil Qualifies: =

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7112496
Longitude:	-117.8713626
MTBE Date:	10/3/2000
Max MTBE GW:	410
MTBE Concentration:	2
Max MTBE Soil:	.05
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	B
Staff:	RS
Staff Initials:	AR
Lead Agency:	Regional Board
Local Agency:	30000L
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	CLEAN-UP OPERATION BEGAN WITHIN HOURS OF SPILL.

LUST:

Name:	AMR COMBS FUEL FARM
Address:	19301 CAMPUS DR
City,State,Zip:	SANTA ANA, CA 92707
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902296
Global Id:	T0605902296
Latitude:	33.6652287727402
Longitude:	-117.873387336731
Status:	Open - Remediation
Status Date:	09/14/2010
Case Worker:	RS
RB Case Number:	083003488T
Local Agency:	SANTA ANA, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Aviation
Site History:	Part of Orange County Airport Fuel Farm Cleanup.

LUST:

Global Id:	T0605902296
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:	T0605902296

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Action Type: ENFORCEMENT
Date: 09/09/2010
Action: File review

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 03/03/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0605902296
Action Type: Other
Date: 11/23/1998
Action: Leak Discovery

Global Id: T0605902296
Action Type: RESPONSE
Date: 01/30/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0605902296
Action Type: RESPONSE
Date: 01/30/2019
Action: Monitoring Report - Annually - Regulator Responded

Global Id: T0605902296
Action Type: RESPONSE
Date: 01/30/2017
Action: Monitoring Report - Annually - Regulator Responded

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 07/10/2011
Action: File review

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 01/19/2012
Action: File review

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 10/09/2012
Action: File review

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 11/10/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0605902296
Action Type: Other
Date: 11/23/1998
Action: Leak Stopped

Global Id: T0605902296
Action Type: REMEDIATION
Date: 08/16/2010

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Action:	Free Product Removal
Global Id:	T0605902296
Action Type:	ENFORCEMENT
Date:	05/12/2008
Action:	Verbal Enforcement
Global Id:	T0605902296
Action Type:	ENFORCEMENT
Date:	05/12/2008
Action:	Site Visit / Inspection / Sampling
Global Id:	T0605902296
Action Type:	ENFORCEMENT
Date:	10/02/2013
Action:	File review
Global Id:	T0605902296
Action Type:	ENFORCEMENT
Date:	12/12/2018
Action:	File review
Global Id:	T0605902296
Action Type:	Other
Date:	12/31/1998
Action:	Leak Reported
Global Id:	T0605902296
Action Type:	ENFORCEMENT
Date:	01/29/2009
Action:	Verbal Enforcement
Global Id:	T0605902296
Action Type:	ENFORCEMENT
Date:	08/28/2015
Action:	File review
Global Id:	T0605902296
Action Type:	ENFORCEMENT
Date:	07/28/2009
Action:	Staff Letter
Global Id:	T0605902296
Action Type:	ENFORCEMENT
Date:	08/20/2014
Action:	File review
Global Id:	T0605902296
Action Type:	ENFORCEMENT
Date:	05/01/2020
Action:	File review
Global Id:	T0605902296
Action Type:	ENFORCEMENT
Date:	02/09/2010
Action:	Technical Correspondence / Assistance / Other

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 03/23/2011
Action: Verbal Enforcement

Global Id: T0605902296
Action Type: Other
Date: 11/23/1998
Action: Leak Began

Global Id: T0605902296
Action Type: RESPONSE
Date: 01/30/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0605902296
Action Type: RESPONSE
Date: 01/30/2014
Action: Monitoring Report - Semi-Annually

LUST:
Global Id: T0605902296
Status: Open - Case Begin Date
Status Date: 11/23/1998

Global Id: T0605902296
Status: Open - Site Assessment
Status Date: 11/23/1998

Global Id: T0605902296
Status: Open - Site Assessment
Status Date: 12/16/1998

Global Id: T0605902296
Status: Open - Verification Monitoring
Status Date: 06/06/2008

Global Id: T0605902296
Status: Open - Remediation
Status Date: 09/14/2010

Global Id: T0605902296
Status: Open - Remediation
Status Date: 09/14/2010

SWEEPS UST:
Name: MARTIN AVIATION
Address: 19855 AIRPORT WAY
City: SANTA ANA
Status: Active
Comp Number: 12833
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-012833-000001
Tank Status:	A
Capacity:	600
Active Date:	Not reported
Tank Use:	PETROLEUM
STG:	P
Content:	Not reported
Number Of Tanks:	5

Name:	MARTIN AVIATION
Address:	19855 AIRPORT WAY
City:	SANTA ANA
Status:	Active
Comp Number:	12833
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:	30-000-012833-000002
Tank Status:	A
Capacity:	30000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	AVIA. GAS
Number Of Tanks:	Not reported

Name:	MARTIN AVIATION
Address:	19855 AIRPORT WAY
City:	SANTA ANA
Status:	Active
Comp Number:	12833
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:	30-000-012833-000003
Tank Status:	A
Capacity:	30000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	AVIA. GAS
Number Of Tanks:	Not reported

Name:	MARTIN AVIATION
Address:	19855 AIRPORT WAY
City:	SANTA ANA
Status:	Active
Comp Number:	12833
Number:	9

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

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: 30-000-012833-000004
Tank Status: A
Capacity: 20000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: AVIA. GAS
Number Of Tanks: Not reported

Name: MARTIN AVIATION
Address: 19855 AIRPORT WAY
City: SANTA ANA
Status: Active
Comp Number: 12833
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: 30-000-012833-000005
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: AVIA. GAS
Number Of Tanks: Not reported

HIST UST:
Name: MARTIN AVIATION
Address: 19331 AIRPORT WAY SO
City,State,Zip: SANTA ANA, CA 92707
File Number: 0002EB19
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EB19.pdf
Region: STATE
Facility ID: 00000029812
Facility Type: Gas Station
Other Type: Not reported
Contact Name: R.F. CLARK
Telephone: 7148528300
Owner Name: MARTIN AVIATION
Owner Address: 1933 1 AIRPORT WAY SO
Owner City,St,Zip: SANTA ANA, CA 92707
Total Tanks: 0010

Tank Num: 001
Container Num: AV-2
Year Installed: 1967
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	MO TANK
Year Installed:	1967
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	JET #1
Year Installed:	1967
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	JET - 2
Year Installed:	1969
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	JET #3
Year Installed:	1969
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	006
Container Num:	JET 4
Year Installed:	1981
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	007
Container Num:	JET 5
Year Installed:	1981
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Tank Num: 008
Container Num: SUMP
Year Installed: 1969
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: 06
Container Construction Thickness: STD
Leak Detection: Stock Inventor

Tank Num: 009
Container Num: AV-1
Year Installed: 1967
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: STD
Leak Detection: Stock Inventor

Tank Num: 010
Container Num: 00100
Year Installed: 1982
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 12
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 30017445
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148528300
Mail To: Not reported
Mailing Address: ATTN: MIKE MULLINS 1
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

Facility ID: 30017698
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: ATTN: MIKE MULLINS 1
Mailing Address 2: Not reported

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

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

HIST CORTESE:
edr_fname: MARTIN AVIATION (FUEL FAR
edr_fadd1: 19331
City,State,Zip: SANTA ANA, CA 92707
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000210T

S75 **PRUDENTIAL (FORMER BECKMAN)** **LUST** **S101307787**
ENE **19000 JAMBOREE RD** **HIST CORTESE** **N/A**
1/4-1/2 **IRVINE, CA 92715**
0.426 mi.
2250 ft. **Site 1 of 2 in cluster S**

Relative:
Higher

Actual:
53 ft.

ORANGE CO. LUST:
Name: BECKMAN
Address: 19000 JAMBOREE RD
City,State,Zip: IRVINE, CA 92713
Region: ORANGE
Facility Id: 86UT183
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4; Chlorinated hydrocarbons; Pseudocumene
Date Closed: 04/05/1994
Record ID: RO0002785

LUST REG 8:
Name: PRUDENTIAL (FORMER BECKMAN)
Address: 19000 JAMBOREE RD
City: IRVINE
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Post remedial action monitoring
Case Number: 083001354T
Local Case Num: 90IC038
Case Type: Aquifer affected
Substance: Solvents
Qty Leaked: Not reported
Abate Method: GTEDVE
Cross Street: MACARTHUR
Enf Type: Cleanup and Abatement Orders
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605901027

PRUDENTIAL (FORMER BECKMAN) (Continued) **S101307787**

How Stopped Date:	Not reported
Enter Date:	9/23/1989
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	1/3/1991
Discover Date:	Not reported
Enforcement Date:	1/1/1965
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	10/18/1990
Date Pollution Characterization Began:	11/19/2003
Date Remediation Plan Submitted:	6/18/1992
Date Remedial Action Underway:	7/9/2003
Date Post Remedial Action Monitoring:	1/1/2004
Enter Date:	9/23/1989
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	LUST
Latitude:	33.6565189
Longitude:	-117.8297357
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:	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: UPPER AQUIFER REMEDIATED & WELLS TO BE ABANDONED. REMEDIATION OF LOWER REMEDIATION CONTINUES.

HIST CORTESE:

edr_fname:	PRUDENTIAL (FORMER BECKMA
edr_fadd1:	19000
City,State,Zip:	IRVINE, CA 92715
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001354T

Q76
NW
1/4-1/2
0.428 mi.
2258 ft.

JOHN WAYNE AIRPORT FUELSTORAGE
19801 AIRPORT WAY SOUTH
SANTA ANA, CA 90603

Site 2 of 6 in cluster Q

EMI **S100178912**
Notify 65 **N/A**

Relative:
Lower

Actual:
49 ft.

EMI:

Name:	MARTIN AVIATION INC.
Address:	19801 AIRPORT WAY SOUTH
City,State,Zip:	SANTA ANA, CA 90603
Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	63657
Air District Name:	SC
SIC Code:	8249
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:	5
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

NOTIFY 65:

Name:	JOHN WAYNE AIRPORT FUELSTORAGE
Address:	19801 AIRPORT WAY SOUTH
City,State,Zip:	SANTA ANA, CA 90603
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

77
West
1/4-1/2
0.428 mi.
2260 ft.

EDLER INDUSTRIES INC
2101 DOVE ST
NEWPORT BEACH, CA 92660

RCRA-SQG **1000210693**
LUST **CAD982487829**
UST
FINDS
ECHO
HIST CORTESE
CERS

Relative:
Lower

Actual:
49 ft.

RCRA-SQG:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	EDLER INDUSTRIES INC
Facility address:	2101 DOVE ST
	NEWPORT BEACH, CA 92660
EPA ID:	CAD982487829
Contact:	Not reported
Contact address:	Not reported
	Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported

EDLER INDUSTRIES INC (Continued) **1000210693**

EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: EDLER PAUL & VERN
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

Historical Generators:
Date form received by agency: 1990-04-10 00:00:00.0
Site name: EDLER INDUSTRIES INC

EDLER INDUSTRIES INC (Continued) **1000210693**

Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 1994-03-09 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

ORANGE CO. LUST:
Name: EDLER INDUSTRIES
Address: 2101 DOVE ST
City,State,Zip: NEWPORT BEACH, CA 92660
Region: ORANGE
Facility Id: 90UT196
Released Substance: Waste oil/Used oil
Date Closed: 01/18/1991
Record ID: RO0001612

LUST REG 8:
Name: EDLER INDUSTRIES
Address: 2101 DOVE
City: NEWPORT BEACH
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001620T
Local Case Num: 90UT196
Case Type: Soil only
Substance: Waste Oil
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: T0605901228
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 4/11/1990
Enforcement Date: Not reported
Close Date: 1/18/1991
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: Not reported
GW Qualifies: Not reported

EDLER INDUSTRIES INC (Continued) **1000210693**

Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6668351
Longitude:	-117.8690947
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:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

LUST:

Name:	EDLER INDUSTRIES
Address:	2101 DOVE
City,State,Zip:	NEWPORT BEACH, CA 92660
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901228
Global Id:	T0605901228
Latitude:	33.6665459
Longitude:	-117.869412
Status:	Completed - Case Closed
Status Date:	01/18/1991
Case Worker:	DB
RB Case Number:	083001620T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	90UT196
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0605901228
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id: T0605901228

EDLER INDUSTRIES INC (Continued) **1000210693**

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

LUST:
Global Id: T0605901228
Action Type: Other
Date: 04/11/1990
Action: Leak Discovery

Global Id: T0605901228
Action Type: Other
Date: 04/11/1990
Action: Leak Reported

LUST:
Global Id: T0605901228
Status: Open - Case Begin Date
Status Date: 04/11/1990

Global Id: T0605901228
Status: Completed - Case Closed
Status Date: 01/18/1991

UST:
Name: EDLER INDUSTRIES
Address: 2101 DOVE ST
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: 11246
Permitting Agency: ORANGE COUNTY
Latitude: 33.667891
Longitude: -117.868056

FINDS:
Registry ID: 110009546535
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009546535

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.
STATE MASTER

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

ECHO:

EDLER INDUSTRIES INC (Continued) **1000210693**

Envid: 1000210693
Registry ID: 110009546535
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009546535
Name: EDLER INDUSTRIES INC
Address: 2101 DOVE ST
City,State,Zip: NEWPORT BEACH, CA 92660

HIST CORTESE:
edr_fname: ELDER INDUSTRIES
edr_fadd1: 2101 DOVE
City,State,Zip: NEWPORT, CA 92660
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001620T

CERS:
Name: EDLER INDUSTRIES
Address: 2101 DOVE
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 211522
CERS ID: T0605901228
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DENAMARIE BAKER - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E. DYER ROAD, STE. 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336255

Affiliation Type Desc: Regional Board Caseworker
Entity Name: PATRICIA HANNON - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Q78 **PAN WESTERN - COUNTY OF ORANGE** **LUST** **S101588969**
NW **19711 S AIRPORT WAY** **SWEEPS UST** **N/A**
1/4-1/2 **SANTA ANA, CA 92707** **CA FID UST**
0.430 mi. **CERS**
2270 ft. **Site 3 of 6 in cluster Q**

Relative: **Lower**
Actual: **49 ft.**

ORANGE CO. LUST:
Name: JOHN WAYNE AIRPORT/TALLMANTAZ FUEL FARM
Address: 19711 S AIRPORT WAY
City,State,Zip: SANTA ANA, CA 92707
Region: ORANGE

PAN WESTERN - COUNTY OF ORANGE (Continued) **S101588969**

Facility Id: 93UT094
Released Substance: Jet Fuel and additives: A (kerosene type), A-1 (kerosene type), B (wide cut or naphtha)
Date Closed: 04/11/2000
Record ID: RO0000871

LUST:
Name: TALLMANTZ AVIATION
Address: 19711 S AIRPORT WAY
City,State,Zip: SANTA ANA, CA 92707
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900452
Global Id: T0605900452
Latitude: 33.6694901
Longitude: -117.8681747
Status: Completed - Case Closed
Status Date: 01/07/2003
Case Worker: RS
RB Case Number: 083000566T
Local Agency: ORANGE COUNTY LOP
File Location: Regional Board
Local Case Number: 93UT094
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents
Site History: Not reported

LUST:
Global Id: T0605900452
Contact Type: Local Agency Caseworker
Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP
Address: 1241 E DYER ROAD SUITE 120
City: SANTA ANA
Email: klambert@ochca.com
Phone Number: 7144336261

Global Id: T0605900452
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: T0605900452
Action Type: RESPONSE
Date: 09/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0605900452
Action Type: RESPONSE
Date: 03/30/2003
Action: Monitoring Report - Quarterly

PAN WESTERN - COUNTY OF ORANGE (Continued) **S101588969**

Global Id: T0605900452
Action Type: RESPONSE
Date: 10/24/1993
Action: Other Report / Document

Global Id: T0605900452
Action Type: REMEDIATION
Date: 11/17/1994
Action: Excavation

Global Id: T0605900452
Action Type: REMEDIATION
Date: 04/01/2000
Action: Monitored Natural Attenuation

Global Id: T0605900452
Action Type: ENFORCEMENT
Date: 08/21/2002
Action: * Verbal Communication

Global Id: T0605900452
Action Type: Other
Date: 09/11/1988
Action: Leak Reported

Global Id: T0605900452
Action Type: ENFORCEMENT
Date: 01/05/1994
Action: Staff Letter

Global Id: T0605900452
Action Type: ENFORCEMENT
Date: 01/07/2003
Action: Closure/No Further Action Letter

Global Id: T0605900452
Action Type: ENFORCEMENT
Date: 08/21/2003
Action: Meeting

Global Id: T0605900452
Action Type: ENFORCEMENT
Date: 01/09/1995
Action: Staff Letter

LUST:
Global Id: T0605900452
Status: Open - Case Begin Date
Status Date: 07/20/1987

Global Id: T0605900452
Status: Open - Site Assessment
Status Date: 07/20/1987

Global Id: T0605900452
Status: Completed - Case Closed
Status Date: 01/07/2003

PAN WESTERN - COUNTY OF ORANGE (Continued) **S101588969**

SWEEPS UST:

Name:	PAN WESTERN - COUNTY OF ORANGE
Address:	19711 S AIRPORT WAY
City:	SANTA ANA
Status:	Active
Comp Number:	12783
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:	30-000-012783-000001
Tank Status:	A
Capacity:	20000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	3

Name:	PAN WESTERN - COUNTY OF ORANGE
Address:	19711 S AIRPORT WAY
City:	SANTA ANA
Status:	Active
Comp Number:	12783
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:	30-000-012783-000002
Tank Status:	A
Capacity:	20000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

Name:	PAN WESTERN - COUNTY OF ORANGE
Address:	19711 S AIRPORT WAY
City:	SANTA ANA
Status:	Active
Comp Number:	12783
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:	30-000-012783-000003
Tank Status:	A
Capacity:	20000
Active Date:	Not reported
Tank Use:	UNKNOWN

PAN WESTERN - COUNTY OF ORANGE (Continued) **S101588969**

STG: P
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 30000643
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 3151 AIRWAY BLDG M3 ATTN:
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

CERS:
Name: TALLMANTZ AVIATION
Address: 19711 S AIRPORT WAY
City,State,Zip: SANTA ANA, CA 92707
Site ID: 241729
CERS ID: T0605900452
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: KEVIN LAMBERT - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336261

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

S79 **IRVINE FACILITY** **LUST** **U001578420**
ENE **19000 JAMBOREE BLVD** **HIST UST** **N/A**
1/4-1/2 **IRVINE, CA 92713** **Orange Co. Industrial Site**
0.436 mi. **Cortese**
2304 ft. **Site 2 of 2 in cluster S** **CERS**

Relative:
Lower

Actual:
51 ft.

LUST:

Name:	PRUDENTIAL (FORMER BECKMAN)
Address:	19000 JAMBOREE RD
City,State,Zip:	IRVINE, CA 92715
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901027
Global Id:	T0605901027
Latitude:	33.6683361862164
Longitude:	-117.851328849792
Status:	Open - Verification Monitoring
Status Date:	01/01/2004
Case Worker:	SCM
RB Case Number:	083001354T
Local Agency:	Not reported
File Location:	Regional Board
Local Case Number:	90IC038
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	* Solvents
Site History:	.

LUST:

Global Id:	T0605901027
Contact Type:	Regional Board Caseworker
Contact Name:	SAMANTHA MAK
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 Main Street
City:	RIVERSIDE
Email:	samantha.mak@waterboards.ca.gov
Phone Number:	9513202007

LUST:

Global Id:	T0605901027
Action Type:	ENFORCEMENT
Date:	08/03/2005
Action:	* No Action
Global Id:	T0605901027
Action Type:	Other
Date:	07/20/1987
Action:	Leak Discovery
Global Id:	T0605901027
Action Type:	RESPONSE
Date:	07/30/2003
Action:	Remedial Progress Report
Global Id:	T0605901027
Action Type:	RESPONSE
Date:	06/30/2003
Action:	Remedial Progress Report
Global Id:	T0605901027

IRVINE FACILITY (Continued) **U001578420**

Action Type: RESPONSE
Date: 09/22/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/30/2015
Action: NPDES / WDR Reports

Global Id: T0605901027
Action Type: RESPONSE
Date: 07/27/2015
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/10/2017
Action: Email Correspondence

Global Id: T0605901027
Action Type: RESPONSE
Date: 04/21/2017
Action: Email Correspondence

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/17/2018
Action: Email Correspondence

Global Id: T0605901027
Action Type: RESPONSE
Date: 12/04/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/29/2018
Action: Email Correspondence

Global Id: T0605901027
Action Type: RESPONSE
Date: 03/01/2017
Action: Email Correspondence

Global Id: T0605901027
Action Type: RESPONSE
Date: 09/26/2018
Action: Email Correspondence

Global Id: T0605901027
Action Type: RESPONSE
Date: 08/09/2016
Action: Email Correspondence

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/02/2007

IRVINE FACILITY (Continued) **U001578420**

Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/07/2008
Action: Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 11/18/2015
Action: Notice of Termination

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/27/2004
Action: Unknown

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/27/2004
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/06/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: RESPONSE
Date: 05/02/2011
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/05/2017
Action: Verbal Communication

Global Id: T0605901027
Action Type: RESPONSE
Date: 08/10/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/11/2003
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 12/30/2002
Action: Other Report / Document - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 12/01/2003
Action: Soil and Water Investigation Workplan - Regulator Responded

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/11/2003
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/10/2004
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 03/07/2005
Action: Other Report / Document - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 11/19/2013
Action: Site Assessment Report - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/1997
Action: Request for Closure - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 04/29/2014
Action: Other Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/08/1990
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/02/1990
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/02/1990
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 05/02/1990
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE

IRVINE FACILITY (Continued) **U001578420**

Date: 12/09/1991
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/05/1990
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/05/1992
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/24/1992
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 08/06/1990
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 07/01/1987
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/18/2003
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/30/2016
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/31/2018
Action: Monitoring Report - Annually - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/31/2017
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/05/2008
Action: Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/11/2008
Action: Verbal Communication

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/26/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/12/2008
Action: Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/12/1991
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/30/1999
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/07/1990
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/16/2001
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/17/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 08/02/1999
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/01/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: Other
Date: 07/20/1987
Action: Leak Stopped

Global Id: T0605901027
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE

IRVINE FACILITY (Continued) **U001578420**

Date: 10/04/2004
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: RESPONSE
Date: 04/20/2012
Action: Monitoring Report - Other

Global Id: T0605901027
Action Type: REMEDIATION
Date: 05/01/1995
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605901027
Action Type: REMEDIATION
Date: 10/22/2014
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605901027
Action Type: REMEDIATION
Date: 10/01/1998
Action: Excavation

Global Id: T0605901027
Action Type: REMEDIATION
Date: 07/01/1998
Action: Excavation

Global Id: T0605901027
Action Type: REMEDIATION
Date: 06/01/1993
Action: Excavation

Global Id: T0605901027
Action Type: REMEDIATION
Date: 03/01/1993
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605901027
Action Type: REMEDIATION
Date: 11/01/1987
Action: Other (Use Description Field)

Global Id: T0605901027
Action Type: REMEDIATION
Date: 01/01/1988
Action: Excavation

Global Id: T0605901027
Action Type: REMEDIATION
Date: 10/01/1987
Action: Excavation

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: REMEDIATION
Date: 04/01/1998
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605901027
Action Type: REMEDIATION
Date: 01/01/1988
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/23/2008
Action: Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/28/2005
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/12/2004
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/24/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/26/2003
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/04/2005
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/07/2002
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/19/2013
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/09/1999
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT

IRVINE FACILITY (Continued) **U001578420**

Date: 12/20/1994
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/16/1994
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 11/06/1987
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 11/03/1986
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/23/2013
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/02/1990
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 08/03/1987
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/12/2016
Action: Staff Letter

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/17/2001
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/03/2003
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/16/1993
Action: Staff Letter

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/17/1992
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/09/1993
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/25/1992
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/20/1991
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/17/1992
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 11/13/1998
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/16/1998
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/09/1987
Action: Clean-up and Abatement Order

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/28/2018
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/16/2017
Action: Meeting

Global Id: T0605901027
Action Type: Other
Date: 07/20/1987
Action: Leak Reported

Global Id: T0605901027
Action Type: RESPONSE

IRVINE FACILITY (Continued) **U001578420**

Date: 12/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 11/13/2012
Action: Monitoring Report - Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/11/2007
Action: Verbal Enforcement

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/09/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/07/1998
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/03/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/16/1998
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/19/1997
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/10/2000
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/20/2001
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/23/1991
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/29/1993
Action: Technical Correspondence / Assistance / Other

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/02/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/27/1990
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/15/2013
Action: Meeting

Global Id: T0605901027
Action Type: RESPONSE
Date: 03/15/2013
Action: Monitoring Report - Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 01/01/1994
Action: Clean-up and Abatement Order

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 07/03/2009
Action: Staff Letter

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/24/2007
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 09/25/2007
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/25/2013
Action: Verbal Communication

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/24/2003
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT

IRVINE FACILITY (Continued) **U001578420**

Date: 03/26/2003
Action: File review

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/19/2003
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/19/2003
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/18/2003
Action: File review

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/04/2020
Action: Verbal Communication

Global Id: T0605901027
Action Type: RESPONSE
Date: 11/21/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 04/08/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/30/2015
Action: Remedial Progress Report

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/30/2002
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 01/08/2003
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/07/2002
Action: File review

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 08/30/2002
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/10/2002
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/30/2002
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/05/2004
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/29/2004
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 01/02/2004
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/31/2003
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 07/16/2003
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/11/2004
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/05/1994
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/19/2013
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT

IRVINE FACILITY (Continued) **U001578420**

Date: 09/19/1997
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 07/15/1997
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/29/1990
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 08/03/1992
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/16/2014
Action: Waste Discharge Requirements

Global Id: T0605901027
Action Type: RESPONSE
Date: 11/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/16/2014
Action: Email Correspondence

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/13/2004
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/24/2004
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/03/2005
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/23/2004
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/15/2005
Action: Staff Letter

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/28/2005
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/08/2004
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/02/2005
Action: * Verbal Communication

Global Id: T0605901027
Action Type: RESPONSE
Date: 12/30/2003
Action: NPDES / WDR Reports

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/09/2014
Action: Email Correspondence

Global Id: T0605901027
Action Type: RESPONSE
Date: 07/30/2014
Action: Monitoring Report - Other

LUST:
Global Id: T0605901027
Status: Open - Case Begin Date
Status Date: 07/20/1987

Global Id: T0605901027
Status: Open - Remediation
Status Date: 09/27/1989

Global Id: T0605901027
Status: Open - Site Assessment
Status Date: 10/18/1990

Global Id: T0605901027
Status: Open - Site Assessment
Status Date: 01/03/1991

Global Id: T0605901027
Status: Open - Remediation
Status Date: 06/18/1992

Global Id: T0605901027

IRVINE FACILITY (Continued) **U001578420**

Status: Open - Site Assessment
Status Date: 07/21/1998

Global Id: T0605901027
Status: Open - Remediation
Status Date: 06/11/2003

Global Id: T0605901027
Status: Open - Remediation
Status Date: 07/09/2003

Global Id: T0605901027
Status: Open - Site Assessment
Status Date: 11/19/2003

Global Id: T0605901027
Status: Open - Verification Monitoring
Status Date: 01/01/2004

HIST UST:
Name: IRVINE FACILITY
Address: 19000 JAMBOREE BLVD
City,State,Zip: IRVINE, CA 92713
File Number: 0002E60C
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E60C.pdf
Region: STATE
Facility ID: 00000019361
Facility Type: Gas Station
Other Type: INSTRUMENT MFG.
Contact Name: Not reported
Telephone: 7144765554
Owner Name: BECKMAN INSTRUMENTS
Owner Address: 2500 HARBOR BLVD
Owner City,St,Zip: FULLERTON, CA 92634
Total Tanks: 0003

Tank Num: 001
Container Num: 2
Year Installed: 1980
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 3
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 1

IRVINE FACILITY (Continued) **U001578420**

Year Installed: 1974
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

Click here for Geo Tracker PDF:

Orange Co. Industrial Site:
Name: FOREST CITY DEVELOPMENT
Address: 19000 JAMBOREE RD
City,State,Zip: IRVINE, CA 92713
Case ID: 91IC038
Record ID: RO0000324
Current Status: OPEN
Closure Type: Not reported
Released Chemical: PERCHLOROETHYLENE

Name: BECKMAN INSTRUMENTS SCI INST
Address: 19000 JAMBOREE RD
City,State,Zip: IRVINE, CA 92714
Case ID: 92IC004
Record ID: RO0000387
Current Status: CLOSED 4/5/1994
Closure Type: Closure certification issued
Released Chemical: PERCHLOROETHYLENE

CORTESE:
Name: PRUDENTIAL (FORMER BECKMAN)
Address: 19000 JAMBOREE RD
City,State,Zip: IRVINE, CA 92715
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605901027
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - VERIFICATION MONITORING
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: PRUDENTIAL (FORMER BECKMAN)

IRVINE FACILITY (Continued) **U001578420**

Address: 19000 JAMBOREE RD
City,State,Zip: IRVINE, CA 92715
Site ID: 249366
CERS ID: T0605901027
CERS Description: Leaking Underground Storage Tank Cleanup Site

---

80
NE
1/4-1/2
0.440 mi.
2321 ft.

Relative:
Lower

Actual:
44 ft.

ALLERGAN SALES LLC (TOWERS)
2525 DUPONT DR
IRVINE, CA 92612

LUST **1000214825**
CERS HAZ WASTE **N/A**
HIST UST
CERS TANKS
CA FID UST
EMI
HIST CORTESE
NPDES
CIWQS
CERS

LUST REG 8:

Name:	KENDALL MCGAW
Address:	2525 MCGAW AVE
City:	IRVINE
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083002919T
Local Case Num:	91ic031
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	DERIAN
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605901997
How Stopped Date:	Not reported
Enter Date:	8/14/1991
Date Confirmation of Leak Began:	2/1/1991
Date Preliminary Assessment Began:	Not reported
Discover Date:	2/1/1991
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	1/1/1965
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	8/14/1991
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Latitude:	33.6876017
Longitude:	-117.8374638
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:	Not reported
Lead Agency:	Local Agency
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: OC86UT071 THIS CASE WAS CLOSED IN 08/10/87. OCHCA DOES NOT HAVE A RECORD OF THE CASE OPENED IN 1991.

CERS HAZ WASTE:

Name:	ALLERGAN SALES LLC (TOWERS)
Address:	2525 DUPONT DR
City,State,Zip:	IRVINE, CA 92612
Site ID:	410656
CERS ID:	10710445
CERS Description:	Hazardous Waste Generator

Name:	ALLERGAN SALES LLC (TOWERS)
Address:	2525 DUPONT DR
City,State,Zip:	IRVINE, CA 92612
Site ID:	410656
CERS ID:	10710445
CERS Description:	RCRA LQ HW Generator

HIST UST:

Name:	ALLERGAN PHARMACEUTICALS
Address:	2525 DUPONT DR
City,State,Zip:	IRVINE, CA 92715
File Number:	0002E4B0
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E4B0.pdf
Region:	STATE
Facility ID:	00000023517
Facility Type:	Other
Other Type:	PHARMACEUTICAL MFR.
Contact Name:	Not reported
Telephone:	7147524500
Owner Name:	ALLERGAN PHARMACEUTICALS
Owner Address:	2525 DUPONT DR.
Owner City,St,Zip:	IRVINE, CA 92715
Total Tanks:	0002

Tank Num:	001
Container Num:	1
Year Installed:	1984

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

Tank Num: 001
Container Num: 1
Year Installed: 1984
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

Click here for Geo Tracker PDF:

CERS TANKS:
Name: ALLERGAN SALES LLC (TOWERS)
Address: 2525 DUPONT DR
City,State,Zip: IRVINE, CA 92612
Site ID: 410656
CERS ID: 10710445
CERS Description: Aboveground Petroleum Storage

CA FID UST:
Facility ID: 30008449
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7149556785
Mail To: Not reported
Mailing Address: 2525 DUPONT DR
Mailing Address 2: Not reported
Mailing City,St,Zip: IRVINE 92715
Contact: Not reported
Contact Phone: Not reported

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA
Year:	2002
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	2834
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:	12
Carbon Monoxide Emissions Tons/Yr:	10
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	3
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA
Year:	2003
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	2834
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:	12
Carbon Monoxide Emissions Tons/Yr:	10
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	3
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA
Year:	2004
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	2834
Air District Name:	SOUTH COAST AQMD

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	23.32944
Reactive Organic Gases Tons/Yr:	11.82
Carbon Monoxide Emissions Tons/Yr:	9.974
NOX - Oxides of Nitrogen Tons/Yr:	8.3682
SOX - Oxides of Sulphur Tons/Yr:	0.24009
Particulate Matter Tons/Yr:	2.66321
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.65

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA
Year:	2005
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	2834
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:	11.76608
Reactive Organic Gases Tons/Yr:	10.403991196
Carbon Monoxide Emissions Tons/Yr:	11.0339
NOX - Oxides of Nitrogen Tons/Yr:	10.095
SOX - Oxides of Sulphur Tons/Yr:	.22505
Particulate Matter Tons/Yr:	2.5483
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.5356304

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA 92714
Year:	2006
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	2834
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:	18.58603044374448943
Reactive Organic Gases Tons/Yr:	9.81
Carbon Monoxide Emissions Tons/Yr:	6.857
NOX - Oxides of Nitrogen Tons/Yr:	10.199
SOX - Oxides of Sulphur Tons/Yr:	.221
Particulate Matter Tons/Yr:	2.472
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.458758

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA
Year:	2007
County Code:	30
Air Basin:	SC
Facility ID:	117290

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Air District Name:	SC
SIC Code:	2834
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:	18.58603044374448943
Reactive Organic Gases Tons/Yr:	9.81
Carbon Monoxide Emissions Tons/Yr:	6.857
NOX - Oxides of Nitrogen Tons/Yr:	10.199
SOX - Oxides of Sulphur Tons/Yr:	.221
Particulate Matter Tons/Yr:	2.472
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.458758

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA 92614
Year:	2008
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	3841
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:	33.30565924262499232
Reactive Organic Gases Tons/Yr:	11.09619625
Carbon Monoxide Emissions Tons/Yr:	11.984934
NOX - Oxides of Nitrogen Tons/Yr:	5.96281647045243617
SOX - Oxides of Sulphur Tons/Yr:	.17772121
Particulate Matter Tons/Yr:	2.27547605
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.26141605

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA 92614
Year:	2012
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	3841
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:	46.265931597
Reactive Organic Gases Tons/Yr:	12.68739
Carbon Monoxide Emissions Tons/Yr:	15.80107
NOX - Oxides of Nitrogen Tons/Yr:	8.78396
SOX - Oxides of Sulphur Tons/Yr:	0.22605
Particulate Matter Tons/Yr:	32.14335
Part. Matter 10 Micrometers and Smllr Tons/Yr:	23.33658104

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA 92614
Year:	2013

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	2834
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:	49.321527791
Reactive Organic Gases Tons/Yr:	15.54316
Carbon Monoxide Emissions Tons/Yr:	13.71899
NOX - Oxides of Nitrogen Tons/Yr:	7.21597
SOX - Oxides of Sulphur Tons/Yr:	0.19238
Particulate Matter Tons/Yr:	26.69493
Part. Matter 10 Micrometers and Smllr Tons/Yr:	19.39884516

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA 92614
Year:	2014
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	2834
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:	44.190111298
Reactive Organic Gases Tons/Yr:	19.5564
Carbon Monoxide Emissions Tons/Yr:	31.48405
NOX - Oxides of Nitrogen Tons/Yr:	6.18757
SOX - Oxides of Sulphur Tons/Yr:	0.3567
Particulate Matter Tons/Yr:	51.23176
Part. Matter 10 Micrometers and Smllr Tons/Yr:	36.63353314

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA 92614
Year:	2015
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	2834
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:	44.705111789
Reactive Organic Gases Tons/Yr:	19.57949541
Carbon Monoxide Emissions Tons/Yr:	34.473056
NOX - Oxides of Nitrogen Tons/Yr:	6.7091165
SOX - Oxides of Sulphur Tons/Yr:	0.38940923
Particulate Matter Tons/Yr:	52.87377734
Part. Matter 10 Micrometers and Smllr Tons/Yr:	37.858173957

Name:	B BRAUN MEDICAL, INC

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA 92614
Year:	2016
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	2834
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:	47.616213433
Reactive Organic Gases Tons/Yr:	21.04922
Carbon Monoxide Emissions Tons/Yr:	34.49642
NOX - Oxides of Nitrogen Tons/Yr:	7.02
SOX - Oxides of Sulphur Tons/Yr:	0.362113
Particulate Matter Tons/Yr:	4.18945
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3.77693554

Name:	B BRAUN MEDICAL, INC
Address:	2525 MCGAW AVE
City,State,Zip:	IRVINE, CA 92614
Year:	2017
County Code:	30
Air Basin:	SC
Facility ID:	117290
Air District Name:	SC
SIC Code:	2834
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:	52.505918061
Reactive Organic Gases Tons/Yr:	23.72965
Carbon Monoxide Emissions Tons/Yr:	35.41
NOX - Oxides of Nitrogen Tons/Yr:	7.11
SOX - Oxides of Sulphur Tons/Yr:	0.3624687
Particulate Matter Tons/Yr:	4.32645
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3.91639518

HIST CORTESE:

edr_fname:	KENDALL MCGAW
edr_fadd1:	2525
City,State,Zip:	IRVINE, CA 92714
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083002919T

NPDES:

Name:	ALLERGAN COURTYARD GARDEN AND SANMINA PARKING LOT
Address:	2525 DUPONT DRIVE
City,State,Zip:	IRVINE, CA 92612
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 30W003983
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	09/01/2019
Operator Name:	Allergan LLC
Operator Address:	2525 Dupont Dr
Operator City:	Irvine
Operator State:	California
Operator Zip:	92612

Name:	ALLERGAN INC
Address:	2525 DUPONT DR
City,State,Zip:	IRVINE, CA 92612
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 30I002587
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	04/01/1992
Operator Name:	Allergan Inc
Operator Address:	2525 Dupont Dr
Operator City:	Irvine
Operator State:	California
Operator Zip:	92612

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Regulatory Measure ID:	208294
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 30I002587
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:	Terminated
Status Date:	04/01/1992
Place Size:	28
Place Size Unit:	Acres
Contact:	RAYMOND Gow
Contact Title:	Not reported
Contact Phone:	714-246-4861
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Allergan Inc
Operator Address:	2525 Dupont Dr
Operator City:	Irvine
Operator State:	California
Operator Zip:	92612
Operator Contact:	Jon Reed
Operator Contact Title:	Not reported
Operator Contact Phone:	714-246-4500
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	714-246-4861
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

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

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:	Pacific Ocean
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	2834-Pharmaceutical Preparations
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	ALLERGAN INC
Address:	2525 DUPONT DR
City,State,Zip:	IRVINE, CA 92612
Agency:	Allergan Inc
Agency Address:	2525 Dupont Dr, Irvine, CA 92612
Place/Project Type:	Industrial - Pharmaceutical Preparations
SIC/NAICS:	2834
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 30I002587
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:	33.67137
Longitude:	-117.8548

CERS:

Name:	AT&T MOBILITY - VON KARMEN / MAIN (USID15976)
Address:	2525 DUPONT DR
City,State,Zip:	IRVINE, CA 92612
Site ID:	95512
CERS ID:	10479328
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-29-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Eval Notes:	Read/review 2016 HMBEP. Accepted.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS 2017 - Accepted: site map updated
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-19-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Met with Robert Fields, AT&T, and walked through the facility and around the perimeter. Confirmed that the hazardous materials inventory is consistent with what was disclosed in the California Environmental Reporting System (CERS) dated 12/18/19 and approved on 12/30/19. Site is located inside the Allergan complex at 2525 Dupont Dr., special arrangements/notifications must be arranged through AT&T prior to inspecting the site. Employee's are trained.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-11-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Processed A21.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-09-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Read/review 2015 HMBEP. Accepted.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-02-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for the triennial Hazardous Materials Disclosure/Business Emergency Plan (HMBEP) inspection. Permission to inspect granted by AT&T/Hart. The HMBEP submitted in CERS matches the on site inspection. No violations.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-06-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS comments updated based on inspection findings. 3-15-17 inventory status changed to not accepted. >Site map - show entrance and driving access from Dupont to the AT&T facility site. Inspection was conducted. Site access is off the map page and not shown.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-09-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Change billing address on RUR.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-23-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBEP Approval. The following documents were received and ACCEPTED on the eSubmit Portal: Business Activities Form Business Owner/Operator Form Chemical Inventory for (# of chemicals) Facility Site Mapl
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-28-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	reviewed submissions on CERS 1-9-17 facility - accepted 1-9-17 inventory - accepted 1-9-17 plans - not accepted - must identify the correct UPA / CUPA phone number (it's 714 433 6000)
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-03-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Read/review HMBEP in CERS. Accepted. **FYI** the ER plan has misspelled the address as 2525 Dupoint instead of the correct address 2525 Dupont.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Eval Date:	04-05-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous materials chemical inventory and business emergency plan (HMBEP) inspection. Rebecca Knoche, environmental site manager, was present for the inspection and provided consent to inspect. The inspection was to confirm the facilityG s electronic hazardous materials disclosure and business plan. We reviewed the facilityG s Hazardous material (lead acid batteries) inventory on site. We confirmed the locations of the required items to be mapped. The facility utilizes CERS (California Environmental Reporting System) for their electronic HMBEP submissions. Inspection found revisions to the facilityG s HMBEP submission necessary. Revisions will be requested via CERS. Facility conducts annual employee safety procedure training in the event of a release or a threatened release of hazardous material and will maintain records of topics covered and employees trained
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-08-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Read/review HMBEP in CERS. **Update emergency contact information.** Accepted.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	95512
Facility Name:	AT&T Mobility - VON KARMEN / MAIN (USID15976)
Env Int Type Code:	HMBP
Program ID:	10479328
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.672370
Longitude:	-117.853880

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 566-9347
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6000
Affiliation Type Desc:	Environmental Contact
Entity Name:	AT&T EH&S Hotline - Option #1
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Entity Name: New Cingular Wireless PCS, LLC dba AT&T Mobility
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75202
Affiliation Phone: (214) 464-1712

Name: ALLERGAN SALES LLC (TOWERS)
Address: 2525 DUPONT DR
City,State,Zip: IRVINE, CA 92612
Site ID: 410656
CERS ID: 10710445
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 410656
Site Name: ALLERGAN SALES LLC (TOWERS)
Violation Date: 03-10-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 06/14/2018. The facility has not annually reviewed and certified that it's HMBP is complete, accurate, and up-to-date. Annual chemical inventory certification was due March 1st of every year. Review, revise, and certify facility's HMBP submissions electronically in the California Environmental Reporting System (CERS). Complete the certification within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-02-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS On-site for follow-up inspection. Biennial report for the 2016 reporting year was observed.
Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: A routine hazardous waste inspection was conducted this date. Access to the facility was provided by Ray Gow, and included the following areas: - Various laboratories - Onsite treatment units - Waste accumulation areas Municipal dumpster area does not appear to contain any hazardous waste. Perimeter of facility inspected - did not observe any indication of a hazardous waste release. Hazardous Waste Emergency

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

	Response information exists onsite in the Business Emergency Plan. Employees that manage hazardous waste are given jobsite training. Inspection logs were reviewed showing daily inspections of the 90-day hazardous waste storage area. Hazardous waste containers were observed to be properly labeled and covered during inspection. Aisle space between containers met requirements as well. Reviewed consolidated manifests and manifests for all hazardous waste streams. Please keep onsite all hazardous waste disposal receipts/manifests for three [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-10-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed california environmental reporting system (CERS) website for facility's hazardous materials inventory submissions. Only submissions available for this facility on CERS was that of 2016 transferred data from the former E-Submit website.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-03-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Onsite with James Hendron, OCHCA Supervisor, and met with Lee Carlstrom, EHS Associate Director, Gillian Heslinga, EHS Manager, and Cecile Felsher, Alta Environmental, and walked through the facility and around the perimeter. The inventory is consistent with what has been submitted in the California Environmental Reporting System (CERS). Employee's are trained and the Business Emergency Plan is available and accessible at the site. The CERS 2019 annual submittal dated 3/1/19, has been reviewed and accepted with the exception of APSA. Under the APSA section please see the comments and resubmit within 30 days.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Onsite with James Hendron, OCHCA Supervisor, and met with Lee

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Carlstrom, EHS Associate Director, Gillian Heslinga, EHS Manager, and Cecile Felsher, Alta Environmental, and walked through the facility and checked the trash receptacles. The site is considered to be a contiguous property and therefore has one EPA identification number for the entire facility. The EPA ID. number is associated with this address. The hazardous wastes generated throughout the facility are mainly stored in the laboratories at dedicated Satellite Waste Storage Areas. The satellite wastes are routinely collected and transferred to the outside 90-day storage area at the site where the wastes are consolidated, managed, labeled, packaged, and stored awaiting transport for proper disposal. During the inspection there were no wastes stored at the outside waste storage area, a waste pick-up had recently been performed. A outside contractor with Clean Harbors, a registered waste hauler, arrives at [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2011
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Brenda Puepke
Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-06-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Read/review pre 2015 HMBEP submission. Accepted pending review of the more recent submission.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-30-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine hazardous waste inspection with James Hendron, Supervisor. Consent to enter and inspect the facility was granted by Christopher Agacite. Chris Haack was also present for the inspection. Facility is currently a Large Quantity Generator (LQG) of RCRA hazardous waste. Areas observed during the facility inspection include the following: R&D III, 3rd Floor | Skin Medica, Select Agent (BSL 2), NTP, Glassware Cleaning Room, Gentinge ACL-010 R&D III, 2nd

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Floor | Formulations (pharmaceutical waste), Biology, Getinge ACL-011 R&D III, 1st Floor | Vivarium (BSL 2), Carcass (observed exhausted aldasorber canisters sent for lab pack) R&D II, 2nd Floor | Lab 284, New Technology Science G NTS, Physical Chemistry, Drug Delivery Research G DDR 272 (observed cart of pharmaceutical vials), Pathology BLI (Bioscience Lab Irvine), 1st Floor | Waste Inactivation System 2 Observed a cart appearing to contain pharmaceutical vials in room DDR 272 at R&D [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Ownership change
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for routine hazardous materials and business emergency plan inspection. Consent to enter and inspect was given by Raymond Gow, EHS manager, Bill Gaylord, Director EHS, and Christopher Agacite, RD EHS Specialist. Observed the facility and inspected hazardous materials storage. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure: -Solvent waste, five, 55 gallon drums, totaling 275 gallons Business emergency plan is maintained on site. Annual employee training is conducted and kept electronically. The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-04-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Based on a review of the California Environmental Reporting System

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

(CERS), the site has failed to submit a complete 2018 certification. The prior violation cited in March 2018, for the failure to annually review and submit in CERS has been elevated to a Class II, and new violations for the separate elements were issued. Complete submittal within 30 days.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-04-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Your HMBEP has been declined, please revise and resubmit. For your chemical G DieselG please add the days on site, which should be 365. For your chemical G Carbon DioxideG please remove entirely from your submittal because you are under threshold quantities which is 1000 cubic feet. Your maps are really nice, but if you could just add the emergency shutoff locations, fire hydrants, and storm drains and sewer locations to your Evacuation map. If you have any questions please contact me at anesbit@ochca.com or 714-640-4249. Thank you

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-21-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The facilityG s operations and the waste generated were discussed. The facility maintained hazardous waste satellite accumulation in the work areas. The facility also maintained an outside sheltered 90 day hazardous waste storage area. The inspection included a tour of each laboratory generating hazardous waste, a walk of the facility outside of the buildings housing the laboratories, the 90 day storage area, and general trash storage areas. I did not observe hazardous waste in the facility's trash or as run off on the ground. Adequate aisle space was observed. Mr. Carlstrom reported that the facility had generated, over the last year, an increase in hazardous waste as a result of recent reductions in on site operations, lab closures and clean outs. At the time of inspection, their registered hauler, Clean Harbors, was on site lab packing the facility's hazardous waste accumulation in preparation for removal. Additional documentation maintained on site and [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for routine hazardous materials and business emergency plan inspection. Consent to enter and inspect was given by Raymond Gow, EHS manager, Bill Gaylord, Director EHS, and Christopher Agacite, RD EHS Specialist. Observed the facility and inspected hazardous materials storage. The following materials were

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

observed in amounts that meet or exceed the minimum volumes required for disclosure: -Diesel, 1,000 gallon tank Business emergency plan is maintained on site. Annual employee training is conducted and kept electronically. The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-11-2009
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Orange CUPA
Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Brenda Puepke
Eval Division: Orange County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on the eSubmit Portal: Business Activities Form Business Owner/Operator Form Chemical Inventory for 1 Facility site Map
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-10-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: APSA
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS

Coordinates:
Site ID: 410656
Facility Name: ALLERGAN SALES LLC (TOWERS)
Env Int Type Code: APSA
Program ID: 10710445
Coord Name: Not reported
Ref Point Type Desc: Entrance point of a facility or station

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Latitude: 33.671747
Longitude: -117.854630

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6000

Affiliation Type Desc: Document Preparer
Entity Name: Cecile Felsher
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Allen Petrossian
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (714) 246-4111

Affiliation Type Desc: Environmental Contact
Entity Name: Lee Carlstrom
Entity Title: Not reported
Affiliation Address: 2525 Dupont Drive (Mail Code: RD-3A)
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92612
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: ALLERGAN PLC
Entity Title: Not reported
Affiliation Address: 2525 DUPONT DR
Affiliation City: IRVINE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92612
Affiliation Phone: (714) 246-2434

Affiliation Type Desc: Identification Signer
Entity Name: Lee Carlstrom
Entity Title: Associate Director EHS

ALLERGAN SALES LLC (TOWERS) (Continued) **1000214825**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2525 DUPONT DRIVE
Affiliation City:	IRVINE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92612
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	ALLERGAN PLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

81
NNW
1/4-1/2
0.443 mi.
2341 ft.

MARTIN AVIATION (FUEL FARM) **LUST** **S109284196**
19331 S AIRPORT WAY **Cortese** **N/A**
SANTA ANA, CA 92707 **CERS**

Relative:
Lower

Actual:
48 ft.

ORANGE CO. LUST:

Name:	MARTIN AVIATION
Address:	19331 S AIRPORT WAY
City,State,Zip:	SANTA ANA, CA 92707
Region:	ORANGE
Facility Id:	86UT176
Released Substance:	Jet Fuel and additives: A (kerosene type), A-1 (kerosene type), B (wide cut or naphtha)
Date Closed:	01/01/2000
Record ID:	RO0002639

LUST:

Name:	MARTIN AVIATION (FUEL FARM)
Address:	19331 S AIRPORT WAY
City,State,Zip:	SANTA ANA, CA 92707
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900160
Global Id:	T0605900160
Latitude:	33.6643715354752
Longitude:	-117.874095439911
Status:	Open - Remediation
Status Date:	09/07/2018

MARTIN AVIATION (FUEL FARM) (Continued) **S109284196**

Case Worker:	RS
RB Case Number:	083000210T
Local Agency:	Not reported
File Location:	Regional Board
Local Case Number:	86UT176
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Aviation, Diesel, Gasoline, Kerosene, MTBE / TBA / Other Fuel Oxygenates
Site History:	Part of JWA

LUST:

Global Id:	T0605900160
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:	T0605900160
Action Type:	ENFORCEMENT
Date:	03/28/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	09/09/2010
Action:	File review
Global Id:	T0605900160
Action Type:	Other
Date:	10/13/1986
Action:	Leak Discovery
Global Id:	T0605900160
Action Type:	RESPONSE
Date:	09/30/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0605900160
Action Type:	RESPONSE
Date:	01/30/2016
Action:	Monitoring Report - Annually
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	03/03/2016
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900160
Action Type:	RESPONSE
Date:	01/30/2019
Action:	Monitoring Report - Annually
Global Id:	T0605900160

MARTIN AVIATION (FUEL FARM) (Continued) **S109284196**

Action Type: RESPONSE
Date: 01/30/2018
Action: Monitoring Report - Annually - Regulator Responded

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 01/19/2012
Action: File review

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 11/10/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900160
Action Type: Other
Date: 10/16/1986
Action: Leak Stopped

Global Id: T0605900160
Action Type: REMEDIATION
Date: 01/01/2000
Action: Free Product Removal

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 05/12/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 05/12/2008
Action: Verbal Enforcement

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 01/24/2013
Action: Meeting

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 10/02/2013
Action: File review

Global Id: T0605900160
Action Type: RESPONSE
Date: 07/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0605900160
Action Type: Other
Date: 10/16/1986
Action: Leak Reported

Global Id: T0605900160
Action Type: RESPONSE
Date: 07/30/2012

MARTIN AVIATION (FUEL FARM) (Continued) **S109284196**

Action:	Monitoring Report - Semi-Annually
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	01/29/2009
Action:	File review
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	08/21/2002
Action:	* Verbal Communication
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	07/28/2009
Action:	Staff Letter
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	08/28/2015
Action:	File review
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	05/01/2020
Action:	File review
Global Id:	T0605900160
Action Type:	RESPONSE
Date:	01/30/2015
Action:	Monitoring Report - Annually
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	01/01/2003
Action:	* No Action
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	02/16/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	12/11/2017
Action:	Clean Up Fund - Case Closure Review Summary Report (RSR)
Global Id:	T0605900160
Action Type:	RESPONSE
Date:	11/23/1988
Action:	Site Assessment Report
Global Id:	T0605900160
Action Type:	RESPONSE
Date:	08/27/2009
Action:	Site Assessment Report

MARTIN AVIATION (FUEL FARM) (Continued) **S109284196**

Global Id: T0605900160
Action Type: RESPONSE
Date: 01/30/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 09/25/2014
Action: File review

Global Id: T0605900160
Action Type: Other
Date: 10/13/1986
Action: Leak Began

Global Id: T0605900160
Action Type: RESPONSE
Date: 03/30/2003
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0605900160
Status: Open - Case Begin Date
Status Date: 10/13/1986

Global Id: T0605900160
Status: Open - Remediation
Status Date: 02/20/1987

Global Id: T0605900160
Status: Open - Site Assessment
Status Date: 05/12/1988

Global Id: T0605900160
Status: Open - Verification Monitoring
Status Date: 01/01/2004

Global Id: T0605900160
Status: Open - Remediation
Status Date: 09/07/2018

CORTESE:
Name: MARTIN AVIATION (FUEL FARM)
Address: 19331 S AIRPORT WAY
City,State,Zip: SANTA ANA, CA 92707
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605900160
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - REMEDIATION
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported

MARTIN AVIATION (FUEL FARM) (Continued) **S109284196**

Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	MARTIN AVIATION (FUEL FARM)
Address:	19331 S AIRPORT WAY
City,State,Zip:	SANTA ANA, CA 92707
Site ID:	189794
CERS ID:	T0605900160
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9513206375

Q82 **AMERICAN AIR CENTER (UCO AIR)** **LUST** **S105036536**
NW **19461 AIRPORT WAY** **N/A**
1/4-1/2 **SANTA ANA, CA 92707**
0.454 mi.
2395 ft. **Site 4 of 6 in cluster Q**

Relative: **Lower**

Actual: **49 ft.**

LUST REG 8:

Name:	AMERICAN AIR CENTER (UCO AIR)
Address:	19461 AIRPORT WAY
City:	SANTA ANA
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000209T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Misc. Motor Vehicle Fuels
Qty Leaked:	60
Abate Method:	Not reported
Cross Street:	CAMPUS
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Inventory Control
How Stopped:	Not reported
Leak Cause:	Structure Failure

AMERICAN AIR CENTER (UCO AIR) (Continued) **S105036536**

Leak Source:	Piping
Global ID:	T0605900159
How Stopped Date:	1/15/1987
Enter Date:	1/1/1987
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/14/1987
Enforcement Date:	Not reported
Close Date:	6/25/2002
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	3/1/1987
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	10/4/2000
Enter Date:	1/1/1987
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.671334
Longitude:	-117.8664336
MTBE Date:	10/4/2000
Max MTBE GW:	1
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	RS
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: CONTAMINATED SOIL HAS BEEN PUT ON PLASTIC AND COVERED OVER WITH PLASTIC.

Q83 **AMERICAN AIR CENTER (UCO AIR)** **LUST S109284191**
NW **19461 S AIRPORT WAY** **CERS N/A**
1/4-1/2 **SANTA ANA, CA 92707**
0.454 mi.
2395 ft. **Site 5 of 6 in cluster Q**

Relative: **Lower**
Actual: **49 ft.**

ORANGE CO. LUST:

Name:	TALLMANTZ AVIATION
Address:	19461 S AIRPORT WAY
City,State,Zip:	SANTA ANA, CA 92707
Region:	ORANGE
Facility Id:	87UT145
Released Substance:	Solvents
Date Closed:	04/26/1998
Record ID:	RO0002110

AMERICAN AIR CENTER (UCO AIR) (Continued) **S109284191**

LUST:
Name: AMERICAN AIR CENTER (UCO AIR)
Address: 19461 S AIRPORT WAY
City,State,Zip: SANTA ANA, CA 92707
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900159
Global Id: T0605900159
Latitude: 33.6730651
Longitude: -117.8650739
Status: Completed - Case Closed
Status Date: 06/25/2002
Case Worker: RS
RB Case Number: 083000209T
Local Agency: ORANGE COUNTY
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: Not reported

LUST:
Global Id: T0605900159
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

Global Id: T0605900159
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: T0605900159
Action Type: Other
Date: 01/14/1987
Action: Leak Discovery

Global Id: T0605900159
Action Type: Other
Date: 01/15/1987
Action: Leak Stopped

Global Id: T0605900159
Action Type: Other
Date: 01/16/1987
Action: Leak Reported

Global Id: T0605900159

AMERICAN AIR CENTER (UCO AIR) (Continued) **S109284191**

Action Type: ENFORCEMENT
Date: 06/25/2002
Action: Closure/No Further Action Letter

LUST:
Global Id: T0605900159
Status: Open - Case Begin Date
Status Date: 01/14/1987

Global Id: T0605900159
Status: Open - Site Assessment
Status Date: 03/01/1987

Global Id: T0605900159
Status: Open - Verification Monitoring
Status Date: 10/04/2000

Global Id: T0605900159
Status: Completed - Case Closed
Status Date: 06/25/2002

CERS:
Name: AMERICAN AIR CENTER (UCO AIR)
Address: 19461 S AIRPORT WAY
City,State,Zip: SANTA ANA, CA 92707
Site ID: 238230
CERS ID: T0605900159
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LUIS LODRIGUEZA - ORANGE COUNTY
Entity Title: Not reported
Affiliation Address: 2009 E. EDINGER AVE.
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

Q84 **OR CO FIRE STN #27 (AIRPORT)** **LUST** **S101588970**
NW **19459 S AIRPORT WAY** **SWEEPS UST** **N/A**
1/4-1/2 **SANTA ANA, CA 92707** **CA FID UST**
0.454 mi. **CERS**
2396 ft. **Site 6 of 6 in cluster Q**

Relative: Lower
Actual: 49 ft.

LUST:

Name:	ORANGE COUNTY FIRE STATION #27
Address:	19459 S AIRPORT WAY
City,State,Zip:	SANTA ANA, CA 92707
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900436
Global Id:	T0605900436
Latitude:	33.6730619
Longitude:	-117.8650665
Status:	Completed - Case Closed
Status Date:	04/28/1995
Case Worker:	RS
RB Case Number:	083000547T
Local Agency:	ORANGE COUNTY LOP
File Location:	Not reported
Local Case Number:	93UT092
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0605900436
Contact Type:	Local Agency Caseworker
Contact Name:	KEVIN LAMBERT
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E DYER ROAD SUITE 120
City:	SANTA ANA
Email:	klambert@ochca.com
Phone Number:	7144336261

Global Id:	T0605900436
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:	T0605900436
Action Type:	Other
Date:	07/20/1987
Action:	Leak Reported

Global Id:	T0605900436
Action Type:	ENFORCEMENT
Date:	04/28/1995
Action:	Closure/No Further Action Letter

LUST:

Global Id:	T0605900436

OR CO FIRE STN #27 (AIRPORT) (Continued) **S101588970**

Status: Open - Case Begin Date
Status Date: 07/20/1987

Global Id: T0605900436
Status: Open - Site Assessment
Status Date: 07/20/1987

Global Id: T0605900436
Status: Completed - Case Closed
Status Date: 04/28/1995

SWEEPS UST:
Name: OR CO FIRE STN #27 (AIRPORT)
Address: 19459 S AIRPORT WAY
City: SANTA ANA
Status: Active
Comp Number: 6062
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: 30-000-006062-000001
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 3

Name: OR CO FIRE STN #27 (AIRPORT)
Address: 19459 S AIRPORT WAY
City: SANTA ANA
Status: Active
Comp Number: 6062
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: 30-000-006062-000002
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: OR CO FIRE STN #27 (AIRPORT)
Address: 19459 S AIRPORT WAY
City: SANTA ANA
Status: Active

OR CO FIRE STN #27 (AIRPORT) (Continued) **S101588970**

Comp Number: 6062
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: 30-000-006062-000003
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 30000647
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7147561549
Mail To: Not reported
Mailing Address: 180 S WATER ST
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

CERS:
Name: ORANGE COUNTY FIRE STATION #27
Address: 19459 S AIRPORT WAY
City,State,Zip: SANTA ANA, CA 92707
Site ID: 197305
CERS ID: T0605900436
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: KEVIN LAMBERT - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336261

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported

OR CO FIRE STN #27 (AIRPORT) (Continued) **S101588970**

Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9513206375

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85 **ORANGE COUNTY FIRE STATIO** **LUST** **S101299949**
NW **19459** **HIST CORTESE** **N/A**
1/4-1/2 **SANTA ANA, CA 92707**
0.477 mi.
2521 ft.

Relative: **Lower**
Actual: **50 ft.**

LUST REG 8:

Name:	ORANGE COUNTY FIRE STATION #27
Address:	19459 AIRPORT WAY
City:	SANTA ANA
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000547T
Local Case Num:	93UT092
Case Type:	Soil only
Substance:	Misc. Motor Vehicle Fuels
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	CAMPUS
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605900436
How Stopped Date:	Not reported
Enter Date:	7/21/1987
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	4/28/1995
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	7/20/1987
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	7/21/1987
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.671349
Longitude:	-117.8664196
MTBE Date:	Not reported

ORANGE COUNTY FIRE STATIO (Continued) **S101299949**

Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	AR
Lead Agency:	Regional Board
Local Agency:	30000L
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST CORTESE:

edr_fname:	ORANGE COUNTY FIRE STATIO
edr_fadd1:	19459
City,State,Zip:	SANTA ANA, CA 92707
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000547T

T86 **FLETCHER JONES MOTOR CARS INC** **LUST** **1000131912**
SSW **1301 QUAIL ST** **UST** **CAD982349425**
1/4-1/2 **NEWPORT BEACH, CA 92660** **HIST UST**
0.493 mi. **CA FID UST**
2601 ft. **Site 1 of 3 in cluster T** **RCRA NonGen / NLR**
FINDS
Relative: **ECHO**
Lower **CERS**

Actual:
35 ft.

ORANGE CO. LUST:

Name:	FORMER FLETCHER JONES FACILITY
Address:	1001 QUAIL ST
City,State,Zip:	NEWPORT BEACH, CA 92660
Region:	ORANGE
Facility Id:	98UT089
Released Substance:	Waste oil/Used oil; Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	04/12/1999
Record ID:	RO0000856

LUST REG 8:

Name:	FORMER FLETCHER JONES FACILITY
Address:	1001 QUAIL
City:	NEWPORT BEACH
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083003352T
Local Case Num:	98UT089
Case Type:	Soil only

FLETCHER JONES MOTOR CARS INC (Continued) **1000131912**

Substance:	12035,800661
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:	T0605902241
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:	11/4/1998
Enforcement Date:	Not reported
Close Date:	4/12/1999
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:	33.6580755
Longitude:	-117.8646466
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:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

LUST:

Name:	FORMER FLETCHER JONES FACILITY
Address:	1001 QUAIL
City,State,Zip:	NEWPORT BEACH, CA 92660
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902241

FLETCHER JONES MOTOR CARS INC (Continued) **1000131912**

Global Id: T0605902241
Latitude: 33.6581215
Longitude: -117.8645827
Status: Completed - Case Closed
Status Date: 04/12/1999
Case Worker: DB
RB Case Number: 083003352T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 98UT089
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Gasoline
Site History: Not reported

LUST:
Global Id: T0605902241
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

LUST:
Global Id: T0605902241
Action Type: Other
Date: 11/04/1998
Action: Leak Discovery

Global Id: T0605902241
Action Type: REMEDIATION
Date: 12/01/1998
Action: Excavation

Global Id: T0605902241
Action Type: Other
Date: 11/04/1998
Action: Leak Reported

LUST:
Global Id: T0605902241
Status: Open - Case Begin Date
Status Date: 11/04/1998

Global Id: T0605902241
Status: Completed - Case Closed
Status Date: 04/12/1999

UST:
Name: FLETCHER JONES MOTOR CARS
Address: 1301 QUAIL ST # 1001
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: 1875
Permitting Agency: ORANGE COUNTY

FLETCHER JONES MOTOR CARS INC (Continued) **1000131912**

Latitude: 33.65969
Longitude: -117.86685

HIST UST:
Name: JIM SLEMONS IMPORTS
Address: 1001 QUAIL ST
City,State,Zip: NEWPORT BEACH, CA 92660
File Number: 0002EA43
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EA43.pdf
Region: STATE
Facility ID: 00000060244
Facility Type: Other
Other Type: CAR SALES
Contact Name: BOB JOHNSON
Telephone: 7148339300
Owner Name: JIM SLEMONS IMPORTS
Owner Address: 1001 QUAIL ST
Owner City,St,Zip: NEWPORT BEACH, CA 92660
Total Tanks: 0016

Tank Num: 001
Container Num: #11
Year Installed: 1973
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: 10

Tank Num: 002
Container Num: #12
Year Installed: 1973
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 12
Leak Detection: 10

Tank Num: 003
Container Num: 1
Year Installed: 1971
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 2
Year Installed: 1971
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4"
Leak Detection: Stock Inventor

Tank Num: 005

FLETCHER JONES MOTOR CARS INC (Continued) **1000131912**

Container Num:	3
Year Installed:	1974
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4"
Leak Detection:	Stock Inventor
Tank Num:	006
Container Num:	4
Year Installed:	1971
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	None
Tank Num:	007
Container Num:	# 1
Year Installed:	1973
Tank Capacity:	00000280
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	12
Leak Detection:	10
Tank Num:	008
Container Num:	#2
Year Installed:	1973
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	3/16
Leak Detection:	10
Tank Num:	009
Container Num:	#3
Year Installed:	1978
Tank Capacity:	00000280
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	10
Tank Num:	010
Container Num:	#4
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	10
Tank Num:	011
Container Num:	#5
Year Installed:	1982
Tank Capacity:	00001000

FLETCHER JONES MOTOR CARS INC (Continued) **1000131912**

Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: 10

Tank Num: 012
Container Num: #6
Year Installed: 1973
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 10
Leak Detection: 10

Tank Num: 013
Container Num: #7
Year Installed: 1973
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: 10

Tank Num: 014
Container Num: #8
Year Installed: 1976
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: 10

Tank Num: 015
Container Num: #9
Year Installed: 1973
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 12
Leak Detection: 10

Tank Num: 016
Container Num: #10
Year Installed: 1975
Tank Capacity: 00000250
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 12
Leak Detection: 10

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 30005749
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported

FLETCHER JONES MOTOR CARS INC (Continued) **1000131912**

SIC Code: Not reported
Facility Phone: 7148339300
Mail To: Not reported
Mailing Address: 1301 QUAIL ST
Mailing Address 2: Not reported
Mailing City,St,Zip: NEWPORT BEACH 92660
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

RCRA NonGen / NLR:
Date form received by agency: 1998-05-27 00:00:00.0
Facility name: FLETCHER JONES MOTOR CARS INC
Facility address: 1301 QUAIL ST
NEWPORT BEACH, CA 92660
EPA ID: CAD982349425
Contact: DAVID LYDA
Contact address: 3300 JAMBOREE RD
NEWPORT BEACH, CA 92660
Contact country: US
Contact telephone: 800-927-3576
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: 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: FLETCHER JONES MOTOR CARS INC
Owner/operator address: 1301 QUAIL ST
NEWPORT BEACH, CA 92660
Owner/operator country: Not reported
Owner/operator telephone: 714-833-9300
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

FLETCHER JONES MOTOR CARS INC (Continued) **1000131912**

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: 110002798973
- Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002798973

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
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: 1000131912
- Registry ID: 110002798973
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002798973
- Name: FLETCHER JONES MANAGEMENT GROU
- Address: 1301 QUAIL ST
- City,State,Zip: NEWPORT BEACH, CA 92660

CERS:
- Name: FORMER FLETCHER JONES FACILITY
- Address: 1001 QUAIL
- City,State,Zip: NEWPORT BEACH, CA 92660
- Site ID: 198902
- CERS ID: T0605902241
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: DENAMARIE BAKER - ORANGE COUNTY LOP
- Entity Title: Not reported
- Affiliation Address: 1241 E. DYER ROAD, STE. 120
- Affiliation City: SANTA ANA

FLETCHER JONES MOTOR CARS INC (Continued) **1000131912**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336255

U87 **MALLINCKRODT MEDICAL** **FINDS** **1000344160**
ENE **18691 JAMBOREE RD** **ECHO** **N/A**
1/4-1/2 **IRVINE, CA 92612** **HWP**
0.497 mi.
2624 ft. **Site 1 of 4 in cluster U**

Relative:
Lower

Actual:
43 ft.

FINDS:
Registry ID: 110000913432
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110000913432

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: 1000344160
Registry ID: 110000913432
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000913432
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
City,State,Zip: IRVINE, CA 92612

HWP:
Name: XEROX CORPORATION IRVINE CRC
Address: 18691 JAMBOREE BLVD
City,State,Zip: IRVINE, CA 927150000
EPA Id: CAD058231598
Cleanup Status: CLOSED
Latitude: 33.67026
Longitude: -117.8516
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: 400423
Assembly District: 74
Senate District: 37
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED

MALLINCKRODT MEDICAL (Continued) **1000344160**

Actual Date: 06/22/1987

EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date: 06/26/1985

EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

Closure:
EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 07/19/1988

EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 08/26/2008

Alias:
EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 400423

U88 **MALLINCKRODT MEDICAL** **SEMS-ARCHIVE** **1015732752**
ENE **18691 JAMBOREE RD** **CORRACTS** **CAD058231598**
1/4-1/2 **IRVINE, CA 92612** **RCRA-TSDF**
0.497 mi. **US INST CONTROLS**
2624 ft. **Site 2 of 4 in cluster U** **RCRA NonGen / NLR**
US FIN ASSUR
Relative: Lower **2020 COR ACTION**

Actual: 43 ft.

SEMS Archive:
Site ID: 0900218
EPA ID: CAD058231598
Name: XEROX CORP IRVINES CRC
Address: 18691 JAMBOREE BLVD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92715
Cong District: 40
FIPS Code: 06059
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:
Region: 09

MALLINCKRODT MEDICAL (Continued) **1015732752**

Site ID: 0900218
EPA ID: CAD058231598
Site Name: XEROX CORP IRVINES CRC
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0900218
EPA ID: CAD058231598
Site Name: XEROX CORP IRVINES CRC
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-08-09 04:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 09
Site ID: 0900218
EPA ID: CAD058231598
Site Name: XEROX CORP IRVINES CRC
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-01-01 05:00:00
Finish Date: 1991-01-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

CORRACTS:
Region: 09
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
Area Name: TELLER
Corrective Action: CA200
Actual Date: 1994-01-01 00:00:00.0
NAICS Code 1: Not reported
NAICS Code 2: Not reported

MALLINCKRODT MEDICAL (Continued) **1015732752**

NAICS Code 3: Not reported
NAICS Code 4: Not reported

Region: 09
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
Area Name: JAMBOREE
Corrective Action: CA200
Actual Date: 1994-01-01 00:00:00.0
NAICS Code 1: Not reported
NAICS Code 2: Not reported
NAICS Code 3: Not reported
NAICS Code 4: Not reported

Region: 09
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
Area Name: ENTIRE FACILITY
Corrective Action: CA600GW
Actual Date: 1988-08-01 00:00:00.0
NAICS Code 1: Not reported
NAICS Code 2: Not reported
NAICS Code 3: Not reported
NAICS Code 4: Not reported

Region: 09
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
Area Name: ENTIRE FACILITY
Corrective Action: CA600SR
Actual Date: 1991-01-01 00:00:00.0
NAICS Code 1: Not reported
NAICS Code 2: Not reported
NAICS Code 3: Not reported
NAICS Code 4: Not reported

Region: 09
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
Area Name: JAMBOREE
Corrective Action: CA260
Actual Date: 2010-12-14 00:00:00.0
NAICS Code 1: Not reported
NAICS Code 2: Not reported
NAICS Code 3: Not reported

MALLINCKRODT MEDICAL (Continued) **1015732752**

NAICS Code 4: Not reported

Region: 09
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
Area Name: JAMBOREE
Corrective Action: CA270
Actual Date: 2010-12-14 00:00:00.0
NAICS Code 1: Not reported
NAICS Code 2: Not reported
NAICS Code 3: Not reported
NAICS Code 4: Not reported

Region: 09
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
Area Name: JAMBOREE
Corrective Action: CA300
Actual Date: 2013-08-02 00:00:00.0
NAICS Code 1: Not reported
NAICS Code 2: Not reported
NAICS Code 3: Not reported
NAICS Code 4: Not reported

Region: 09
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
Area Name: TELLER
Corrective Action: CA500
Actual Date: 2012-12-03 00:00:00.0
NAICS Code 1: Not reported
NAICS Code 2: Not reported
NAICS Code 3: Not reported
NAICS Code 4: Not reported

Region: 09
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
Area Name: TELLER
Corrective Action: CA200
Actual Date: 2007-06-14 00:00:00.0
NAICS Code 1: Not reported
NAICS Code 2: Not reported
NAICS Code 3: Not reported
NAICS Code 4: Not reported

MALLINCKRODT MEDICAL (Continued) **1015732752**

Region:	09
Name:	MALLINCKRODT MEDICAL
Address:	18691 JAMBOREE RD
Address 2:	Not reported
City,State,Zip:	IRVINE, CA 92612
EPA ID:	CAD058231598
Area Name:	ENTIRE FACILITY
Corrective Action:	CA725YE
Actual Date:	1997-12-04 00:00:00.0
NAICS Code 1:	Not reported
NAICS Code 2:	Not reported
NAICS Code 3:	Not reported
NAICS Code 4:	Not reported

Region:	09
Name:	MALLINCKRODT MEDICAL
Address:	18691 JAMBOREE RD
Address 2:	Not reported
City,State,Zip:	IRVINE, CA 92612
EPA ID:	CAD058231598
Area Name:	ENTIRE FACILITY
Corrective Action:	CA750YE
Actual Date:	1997-12-04 00:00:00.0
NAICS Code 1:	Not reported
NAICS Code 2:	Not reported
NAICS Code 3:	Not reported
NAICS Code 4:	Not reported

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

RCRA-TSDF:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	MALLINCKRODT MEDICAL
Facility address:	18691 JAMBOREE RD IRVINE, CA 92612
EPA ID:	CAD058231598
Contact:	JANA HONEYMAN
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	714-504-8131
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	TSDF
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:	MALLINCKRODT MEDICAL INC
Owner/operator address:	675 MCDONNELL BLVD HAZELWOOD, MO 63042
Owner/operator country:	Not reported

MALLINCKRODT MEDICAL (Continued) **1015732752**

Owner/operator telephone: 314-895-2000
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: XEROX CORPORATION
Owner/operator address: XEROX SQUARE
CITY NOT REPORTED, NY 99999
Owner/operator country: Not reported
Owner/operator telephone: 716-422-1000
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: 1995-03-08 00:00:00.0
Site name: MALLINCKRODT MEDICAL
Classification: Not a generator, verified

Date form received by agency: 1994-05-02 00:00:00.0
Site name: XEROX CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 1990-03-27 00:00:00.0
Site name: XEROX CORPORATION IRVINE CRC
Classification: Large Quantity Generator

Corrective Action Summary:
Event date: 1988-08-01 00:00:00.0
Event: STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION & TREATMENT

MALLINCKRODT MEDICAL (Continued) **1015732752**

Event date:	1991-01-01 00:00:00.0
Event:	STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL &/OR TRT
Event date:	1991-07-19 00:00:00.0
Event:	LEAD AGENCY DETERMINATION
Event date:	1991-07-19 00:00:00.0
Event:	PA OR CERCLA INSPECTION
Event date:	1991-07-19 00:00:00.0
Event:	RFA COMPLETED
Event date:	1991-07-19 00:00:00.0
Event:	CA PRIORITIZATION-LOW CA PRIORITY
Event date:	1991-07-19 00:00:00.0
Event:	NCAPS RANKING/PRIORITY
Event date:	1993-09-01 00:00:00.0
Event:	STABILIZATION CONSTRUCTION COMPLETED
Event date:	1994-01-01 00:00:00.0
Event:	INVESTIGATION COMPLETE
Event date:	1994-01-01 00:00:00.0
Event:	INVESTIGATION IMPOSITION
Event date:	1997-12-04 00:00:00.0
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	1997-12-04 00:00:00.0
Event:	STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Event date:	1997-12-04 00:00:00.0
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	1997-12-04 00:00:00.0
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	1997-12-04 00:00:00.0
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	2007-06-14 00:00:00.0
Event:	INVESTIGATION COMPLETE
Event date:	2008-06-26 00:00:00.0
Event:	INVESTIGATION IMPOSITION
Event date:	2010-12-14 00:00:00.0
Event:	CMS WORKPLAN MODIFICATION REQ BY AGENCY
Event date:	2010-12-14 00:00:00.0
Event:	CMS WORKPLAN RECEIVED

MALLINCKRODT MEDICAL (Continued) **1015732752**

Event date: 2012-12-03 00:00:00.0
Event: CMI WORKPLAN APPROVED

Event date: 2013-06-26 00:00:00.0
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 2013-06-26 00:00:00.0
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 2013-08-02 00:00:00.0
Event: CMS WORKPLAN APPROVED

Event date: 2014-05-29 00:00:00.0
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Event date: 2014-07-08 00:00:00.0
Event: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL

Event date: 2017-06-15 00:00:00.0
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Event date: 2018-09-07 00:00:00.0
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 2020-03-16 10:58:35.0
Date achieved compliance: 2004-03-10 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 2003-11-17 00:00:00.0
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: LDR - General
Date violation determined: 2000-10-21 13:16:58.0
Date achieved compliance: 1989-05-11 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-04-28 00:00:00.0
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 - Financial Requirements
Date violation determined: 2000-10-21 13:16:58.0

MALLINCKRODT MEDICAL (Continued) **1015732752**

Date achieved compliance: 1994-11-07 00:00:00.0
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: TSD - Manifest/Records/Reporting
Date violation determined: 2000-10-21 13:16:58.0
Date achieved compliance: 1989-05-11 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-04-28 00:00:00.0
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: 2000-10-21 13:16:58.0
Date achieved compliance: 1989-05-11 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-04-28 00:00:00.0
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: 2004-04-20 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2003-11-17 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 2004-03-10 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-09-29 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 1994-11-07 00:00:00.0
Evaluation lead agency: State

MALLINCKRODT MEDICAL (Continued) **1015732752**

Evaluation date: 1989-03-20 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1989-03-16 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 1989-05-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-03-16 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 1989-05-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-03-16 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 1989-05-11 00:00:00.0
Evaluation lead agency: State

US INST CONTROLS:
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
Address 2: Not reported
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
Site ID: Not reported
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Action Completion Date: Not reported
Actual Date: Not reported
Contaminated Media: Not reported
Event Code: CA772PR
Contact Name: JANA HONEYMAN
Contact Telephone: 714-504-8131
Event: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL

RCRA NonGen / NLR:
Date form received by agency: 1996-09-01 00:00:00.0
Facility name: MALLINCKRODT MEDICAL
Facility address: 18691 JAMBOREE RD
IRVINE, CA 92612
EPA ID: CAD058231598
Contact: JANA HONEYMAN
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 714-504-8131
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: TSDF

MALLINCKRODT MEDICAL (Continued) **1015732752**

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: MALLINCKRODT MEDICAL INC
Owner/operator address: 675 MCDONNELL BLVD
HAZELWOOD, MO 63042
Owner/operator country: Not reported
Owner/operator telephone: 314-895-2000
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: XEROX CORPORATION
Owner/operator address: XEROX SQUARE
CITY NOT REPORTED, NY 99999
Owner/operator country: Not reported
Owner/operator telephone: 716-422-1000
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: 1995-03-08 00:00:00.0
Site name: MALLINCKRODT MEDICAL
Classification: Not a generator, verified

Date form received by agency: 1994-05-02 00:00:00.0
Site name: XEROX CORPORATION

MALLINCKRODT MEDICAL (Continued) **1015732752**

Classification: Large Quantity Generator

Date form received by agency: 1990-03-27 00:00:00.0
Site name: XEROX CORPORATION IRVINE CRC
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 1988-08-01 00:00:00.0
Event: STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION & TREATMENT

Event date: 1991-01-01 00:00:00.0
Event: STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL &/OR TRT

Event date: 1991-07-19 00:00:00.0
Event: LEAD AGENCY DETERMINATION

Event date: 1991-07-19 00:00:00.0
Event: PA OR CERCLA INSPECTION

Event date: 1991-07-19 00:00:00.0
Event: RFA COMPLETED

Event date: 1991-07-19 00:00:00.0
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 1991-07-19 00:00:00.0
Event: NCAPS RANKING/PRIORITY

Event date: 1993-09-01 00:00:00.0
Event: STABILIZATION CONSTRUCTION COMPLETED

Event date: 1994-01-01 00:00:00.0
Event: INVESTIGATION COMPLETE

Event date: 1994-01-01 00:00:00.0
Event: INVESTIGATION IMPOSITION

Event date: 1997-12-04 00:00:00.0
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 1997-12-04 00:00:00.0
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: 1997-12-04 00:00:00.0
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 1997-12-04 00:00:00.0
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 1997-12-04 00:00:00.0
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

MALLINCKRODT MEDICAL (Continued) **1015732752**

Event date: 2007-06-14 00:00:00.0
Event: INVESTIGATION COMPLETE

Event date: 2008-06-26 00:00:00.0
Event: INVESTIGATION IMPOSITION

Event date: 2010-12-14 00:00:00.0
Event: CMS WORKPLAN MODIFICATION REQ BY AGENCY

Event date: 2010-12-14 00:00:00.0
Event: CMS WORKPLAN RECEIVED

Event date: 2012-12-03 00:00:00.0
Event: CMI WORKPLAN APPROVED

Event date: 2013-06-26 00:00:00.0
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 2013-06-26 00:00:00.0
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 2013-08-02 00:00:00.0
Event: CMS WORKPLAN APPROVED

Event date: 2014-05-29 00:00:00.0
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Event date: 2014-07-08 00:00:00.0
Event: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL

Event date: 2017-06-15 00:00:00.0
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Event date: 2018-09-07 00:00:00.0
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 2020-03-16 10:58:35.0
Date achieved compliance: 2004-03-10 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 2003-11-17 00:00:00.0
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: LDR - General
Date violation determined: 2000-10-21 13:16:58.0
Date achieved compliance: 1989-05-11 00:00:00.0
Violation lead agency: State

MALLINCKRODT MEDICAL (Continued) **1015732752**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-04-28 00:00:00.0
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 - Financial Requirements
Date violation determined: 2000-10-21 13:16:58.0
Date achieved compliance: 1994-11-07 00:00:00.0
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: TSD - Manifest/Records/Reporting
Date violation determined: 2000-10-21 13:16:58.0
Date achieved compliance: 1989-05-11 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-04-28 00:00:00.0
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: 2000-10-21 13:16:58.0
Date achieved compliance: 1989-05-11 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-04-28 00:00:00.0
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: 2004-04-20 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MALLINCKRODT MEDICAL (Continued) **1015732752**

Evaluation date: 2003-11-17 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 2004-03-10 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-09-29 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 1994-11-07 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-03-20 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1989-03-16 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 1989-05-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-03-16 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 1989-05-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-03-16 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 1989-05-11 00:00:00.0
Evaluation lead agency: State

US FIN ASSUR:
Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
County: Not reported
Mechanism type: P
Mechanism Type Description: TRUST FUND (PAY-IN-TRUST)
Cost estimate: 778017
Face value: 801480
Effective date: 2002-04-30 00:00:00
Provider: STATE STREET BANK
EPA region: 9

Name: MALLINCKRODT MEDICAL
Address: 18691 JAMBOREE RD
City,State,Zip: IRVINE, CA 92612
EPA ID: CAD058231598
County: Not reported
Mechanism type: F
Mechanism Type Description: FINANCIAL TEST
Cost estimate: 2000000

MALLINCKRODT MEDICAL (Continued) **1015732752**

Face value: 801480
Effective date: 2006-03-22 00:00:00
Provider: MALLINCKRODT MEDICAL
EPA region: 9

2020 COR ACTION:
EPA ID: CAD058231598
Region: 9
Action: Remedy Construction

U89 **XEROX CORPORATION** **CPS-SLIC** **S108985890**
ENE **18691 JAMBOREE ROAD** **N/A**
1/4-1/2 **IRVINE, CA**
0.497 mi.
2624 ft. **Site 3 of 4 in cluster U**

Relative:
Lower

Actual:
43 ft.

SLIC REG 8:
Name: XEROX CORPORATION
Address: 18691 JAMBOREE ROAD
City: IRVINE
Type: Soil and Groundwater
Facility Status: Post-Investigation/Remediation Monitoring
Staff: RTS
Substance: SOLVENTS
Lead Agency: Regional Board
Location Code: Not reported
Thomas Bros Code: 859-H6

U90 **THE BOARDWALK** **ENVIROSTOR** **S103965748**
ENE **18691 JAMBOREE ROAD** **CPS-SLIC** **N/A**
1/4-1/2 **IRVINE, CA 92612** **DEED**
0.497 mi. **Cortese**
2624 ft. **Site 4 of 4 in cluster U** **EMI**
ENF

Relative:
Lower

Actual:
43 ft.

ICE
HIST CORTESE
NPDES
CIWQS
CERS

ENVIROSTOR:
Name: XEROX CORPORATION IRVINE CRC
Address: 18691 JAMBOREE BLVD
City,State,Zip: IRVINE, CA 927150000
Facility ID: 80001430
Status: Active
Status Date: 01/01/2008
Site Code: 400423
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 13
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Steven Rounds
Supervisor: Allan Plaza

THE BOARDWALK (Continued) **S103965748**

Division Branch: Cleanup Chatsworth
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.67026
Longitude: -117.8516
APN: 445-102-02
Past Use: ABOVE GROUND STORAGE TANKS, DEGREASING FACILITY, MAINTENANCE / CLEANING
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: SOIL, SV
Alias Name: 445-102-02
Alias Type: APN
Alias Name: CAD058231598
Alias Type: EPA Identification Number
Alias Name: 400423
Alias Type: Project Code (Site Code)
Alias Name: 80001430
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 01/01/1991
Comments: Not reported

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 12/04/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 07/19/1991
Comments: Not reported

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 06/26/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 07/19/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled

THE BOARDWALK (Continued) **S103965748**

Completed Date: 12/04/1997
Comments: Not reported

Completed Area Name: Jamboree
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 07/26/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 12/04/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 06/15/2017
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: Land Use Restriction
Completed Date: 07/08/2014
Comments: LUC signed and sent to facility for filiing

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 06/26/2013
Comments: EI is met.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 06/26/2013
Comments: EI is met.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 08/15/2014
Comments: Completed.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 10/16/2017
Comments: Completed 10-16-2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/06/2014
Comments: Not reported

THE BOARDWALK (Continued) **S103965748**

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: Correspondence
Completed Date: 01/19/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/28/2015
Comments: Signed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 04/14/2009
Comments: Completed

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 09/01/1993
Comments: Not reported

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 07/19/1991
Comments: Not reported

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 01/01/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 08/01/1988
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: Corrective Measures Study Workplan
Completed Date: 08/02/2013
Comments: Letter sent to facility.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: Corrective Measure Implementation Workplan
Completed Date: 12/03/2012
Comments: Letter sent to facility.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: RFI Report

THE BOARDWALK (Continued) **S103965748**

Completed Date: 06/14/2007
Comments: RFI completed. Facility to submit CMS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/19/2010
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: Public Notice
Completed Date: 05/29/2014
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: Fact Sheets
Completed Date: 06/05/2014
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/11/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2015
Comments: Completed

Completed Area Name: Jamboree
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 09/12/2016
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/30/2016
Comments: CMCR complete.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: Public Notice
Completed Date: 09/07/2018
Comments: Not reported

THE BOARDWALK (Continued) **S103965748**

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Jamboree
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 05/30/2020
Schedule Revised Date: Not reported

CPS-SLIC:
Name: XEROX - IRVINE
Address: 18691 JAMBOREE BLVD
City,State,Zip: IRVINE, CA
Region: STATE
Facility Status: **Open - Remediation**
Status Date: 02/09/2010
Global Id: SL208033858
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.6709434695313
Longitude: -117.850577831268
Case Type: Cleanup Program Site
Case Worker: RS
Local Agency: Not reported
RB Case Number: SL208033858
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History: Long term monitoring required.

Click here to access the California GeoTracker records for this facility:

DEED:
Name: XEROX CORPORATION IRVINE CRC
Address: 18691 JAMBOREE BLVD
City,State,Zip: IRVINE, CA 927150000
Envirostor ID: 80001430
Area: Not reported
Sub Area: TELLER
Site Type: CORRECTIVE ACTION
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

CORTESE:
Name: GW CLEANUP-IRVINE,JAMBOREE
Address: 18691 JAMBOREE BOULEVARD
City,State,Zip: IRVINE, CA 92715
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported

THE BOARDWALK (Continued) **S103965748**

Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	08/14/1987
Region 2:	8
WID Id:	8 302521001
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

EMI:

Name:	XEROX CORP
Address:	18691 JAMBOREE BL
City,State,Zip:	IRVINE, CA 927150000
Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	21951
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:	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

ENF:

Name:	GW CLEANUP-IRVINE,JAMBOREE
Address:	18691 JAMBOREE BOULEVARD
City,State,Zip:	IRVINE, CA 92715
Region:	8
Facility Id:	228361
Agency Name:	Xerox Corporation
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
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

THE BOARDWALK (Continued) **S103965748**

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:	0.144
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 302521001
Reg Measure Id:	205913
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:	10/14/1988
Effective Date:	08/14/1987
Expiration/Review Date:	Not reported
Termination Date:	12/19/1996
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):	223919
Region:	8
Order / Resolution Number:	87-047
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/13/1987
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported

THE BOARDWALK (Continued) **S103965748**

Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	CAO 87-047 for Xerox Corp
Description:	GW CLEANUP
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

ICE:

Envirostor ID:	3000969
Name:	XEROX CORPORATION IRVINE CRC
Address:	18691 JAMBOREE BLVD
City,State,Zip:	IRVINE, CA 92715
EPA ID:	CAD058231598
Site Type:	INSPECTION
Facility Status:	No Action

Inspection:

Action Type:	Financial Records Review - Treatment, Storage and Disposal
Action Date:	04/20/2004
Violation Class:	No Violations
RTC Date:	Not reported

Action Type:	Financial Records Review - Treatment, Storage and Disposal
Action Date:	11/17/2003
Violation Class:	Class 2
RTC Date:	03/10/2004

HIST CORTESE:

edr_fname:	GW CLEANUP-IRVINE, JAMBORE
edr_fadd1:	18691 JAMBOREE
City,State,Zip:	IRVINE, CA 92715
Region:	CORTESE
Facility County Code:	30
Reg By:	WBC&D
Reg Id:	8 302521001

NPDES:

Name:	THE BOARDWALK
Address:	18691 JAMBOREE ROAD
City,State,Zip:	IRVINE, CA 92612
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	8
Agency Number:	0
Regulatory Measure ID:	467427

THE BOARDWALK (Continued) **S103965748**

Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	8 30C375038
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/07/2016
Termination Date Of Regulatory Measure:	12/06/2017
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	3501 Jamboree Rd Suite 230
Discharge Name:	Trammell Crow Company
Discharge City:	Newport Beach
Discharge State:	California
Discharge Zip:	92660
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Terminated
Agency Number:	0
Region:	8
Regulatory Measure ID:	467427
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 30C375038
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/07/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	12/06/2017
Discharge Name:	Trammell Crow Company
Discharge Address:	3501 Jamboree Rd Suite 230
Discharge City:	Newport Beach
Discharge State:	California
Discharge Zip:	92660
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

THE BOARDWALK (Continued) **S103965748**

Operator Contact:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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:	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
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	467427
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	8 30C375038
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

THE BOARDWALK (Continued) **S103965748**

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	12/09/2015
Processed Date:	01/07/2016
Status:	Active
Status Date:	01/07/2016
Place Size:	7.5
Place Size Unit:	Acres
Contact:	Matt Cramer
Contact Title:	Not reported
Contact Phone:	949-477-4735
Contact Phone Ext:	Not reported
Contact Email:	mcramer@trammellcrow.com
Operator Name:	Trammell Crow Company
Operator Address:	3501 Jamboree Rd Suite 230
Operator City:	Newport Beach
Operator State:	California
Operator Zip:	92660
Operator Contact:	Matt Cramer
Operator Contact Title:	Not reported
Operator Contact Phone:	949-477-4735
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	mcramer@trammellcrow.com
Operator Type:	Private Business
Developer:	Boardwalk Office Associates
Developer Address:	18691 Jamboree Road
Developer City:	Irvine
Developer State:	California
Developer Zip:	92612
Developer Contact:	Matt Cramer
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Diego Creek Reach, Newport Bay
Certifier:	Matt Cramer
Certifier Title:	Senior Vice President
Certification Date:	09-DEC-15
Primary Sic:	Not reported

THE BOARDWALK (Continued) **S103965748**

Secondary Sic: Not reported
Tertiary Sic: Not reported

Name: THE BOARDWALK
Address: 18691 JAMBOREE ROAD
City,State,Zip: IRVINE, CA 92612
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 8 30C375038
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Terminated
Status Date: 12/28/2017
Operator Name: Trammell Crow Company
Operator Address: 3501 Jamboree Rd Suite 230
Operator City: Newport Beach
Operator State: California
Operator Zip: 92660

NPDES as of 03/2018:
NPDES Number: CAS000002
Status: Terminated
Agency Number: 0
Region: 8
Regulatory Measure ID: 467427
Order Number: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 8 30C375038
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 01/07/2016
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 12/06/2017
Discharge Name: Trammell Crow Company
Discharge Address: 3501 Jamboree Rd Suite 230
Discharge City: Newport Beach
Discharge State: California
Discharge Zip: 92660
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported

THE BOARDWALK (Continued) **S103965748**

Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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:	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
Status:	Not reported
Agency Number:	Not reported
Region:	8

THE BOARDWALK (Continued) **S103965748**

Regulatory Measure ID:	467427
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	8 30C375038
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:	12/09/2015
Processed Date:	01/07/2016
Status:	Active
Status Date:	01/07/2016
Place Size:	7.5
Place Size Unit:	Acres
Contact:	Matt Cramer
Contact Title:	Not reported
Contact Phone:	949-477-4735
Contact Phone Ext:	Not reported
Contact Email:	mcramer@trammellcrow.com
Operator Name:	Trammell Crow Company
Operator Address:	3501 Jamboree Rd Suite 230
Operator City:	Newport Beach
Operator State:	California
Operator Zip:	92660
Operator Contact:	Matt Cramer
Operator Contact Title:	Not reported
Operator Contact Phone:	949-477-4735
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	mcramer@trammellcrow.com
Operator Type:	Private Business
Developer:	Boardwalk Office Associates
Developer Address:	18691 Jamboree Road
Developer City:	Irvine
Developer State:	California
Developer Zip:	92612
Developer Contact:	Matt Cramer
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N

THE BOARDWALK (Continued) **S103965748**

Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Diego Creek Reach, Newport Bay
Certifier:	Matt Cramer
Certifier Title:	Senior Vice President
Certification Date:	09-DEC-15
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	FORMER JAMBOREE FACILITY
Address:	18691 JAMBOREE ROAD
City,State,Zip:	IRVINE, CA 92612
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 30C370555
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	01/07/2016
Operator Name:	Xerox Corporation
Operator Address:	800 Phillips Road
Operator City:	Webster
Operator State:	New York
Operator Zip:	14580

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	448437
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	8 30C370555
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported

THE BOARDWALK (Continued) **S103965748**

Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	12/07/2015
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/06/2014
Processed Date:	08/12/2014
Status:	Terminated
Status Date:	01/07/2016
Place Size:	6.88
Place Size Unit:	Acres
Contact:	Scott Goulart
Contact Title:	Project Manager
Contact Phone:	916-355-5454
Contact Phone Ext:	Not reported
Contact Email:	scott.goulart@Rocket.com
Operator Name:	Xerox Corporation
Operator Address:	800 Phillips Road
Operator City:	Webster
Operator State:	New York
Operator Zip:	14580
Operator Contact:	Joseph Stulb
Operator Contact Title:	Manager
Operator Contact Phone:	585-422-9736
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	joseph.stulb@xerox.com
Operator Type:	Private Business
Developer:	Innovation Construction Solutions
Developer Address:	4011 West Chandler Avenue
Developer City:	Santa Ana
Developer State:	California
Developer Zip:	92704
Developer Contact:	John Farmer
Developer Contact Title:	Senior Project Manager
Constype Linear Utility Ind:	N
Emergency Phone:	916-812-5529
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N

THE BOARDWALK (Continued) **S103965748**

Receiving Water Name:	San Diego Creek
Certifier:	Joseph Stulb
Certifier Title:	Manager
Certification Date:	06-AUG-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Terminated
Agency Number:	0
Region:	8
Regulatory Measure ID:	448437
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 30C370555
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/12/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	12/07/2015
Discharge Name:	Xerox Corporation
Discharge Address:	800 Phillips Road
Discharge City:	Webster
Discharge State:	New York
Discharge Zip:	14580
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported

THE BOARDWALK (Continued) **S103965748**

Emergency Phone:	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:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	THE BOARDWALK
Address:	18691 JAMBOREE ROAD
City,State,Zip:	IRVINE, CA 92612
Agency:	Trammell Crow Company
Agency Address:	3501 Jamboree Rd Suite 230, Newport Beach, CA 92660
Place/Project Type:	Construction - Commercial
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 30C375038
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	01/07/2016
Termination Date:	12/06/2017
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:	33.67026
Longitude:	-117.85161

Name:	GW CLEANUP-IRVINE,JAMBOREE

THE BOARDWALK (Continued) **S103965748**

Address:	18691 JAMBOREE BOULEVARD
City,State,Zip:	IRVINE, CA 92715
Agency:	Xerox Corporation
Agency Address:	800 Phillips Road 0304-135, Webster, NY 14580
Place/Project Type:	Manufacturing NEC
SIC/NAICS:	4959
Region:	8
Program:	NPDESWW, NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	NPDES Permit
Order Number:	88-118
WDID:	8 302521001
NPDES Number:	CAG918001
Adoption Date:	10/14/1988
Effective Date:	10/14/1988
Termination Date:	Not reported
Expiration/Review Date:	10/01/1993
Design Flow:	0.144
Major/Minor:	Minor
Complexity:	A
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

Name:	FORMER JAMBOREE FACILITY
Address:	18691 JAMBOREE ROAD
City,State,Zip:	IRVINE, CA 92612
Agency:	Xerox Corporation
Agency Address:	800 Phillips Road, Webster, NY 14580
Place/Project Type:	Construction - Commercial
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 30C370555
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	08/12/2014
Termination Date:	12/07/2015
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:	33.67036
Longitude:	-117.85135

CERS:

Name:	XEROX CORPORATION IRVINE CRC
Address:	18691 JAMBOREE BLVD
City,State,Zip:	IRVINE, CA 927150000

THE BOARDWALK (Continued) **S103965748**

Site ID: 238446
CERS ID: CAD058231598
CERS Description: Hazardous Waste

Evaluation:
Eval General Type: Information Request
Eval Date: 11-17-2003
Violations Found: Yes
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal Return To Compliance: 2004-03-10 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Information Request
Eval Date: 04-20-2004
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: MICHAEL GAREY
Entity Title: Not reported
Affiliation Address: 701 S AVIATION BLVD ESM1-028
Affiliation City: EL SEGUNDO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 902454898
Affiliation Phone: 3103332401

Affiliation Type Desc: Facility Owner
Entity Name: Xerox Corporation
Entity Title: Not reported
Affiliation Address: 800 PHILLIPS RD 0205-99F
Affiliation City: WEBSTER
Affiliation State: NY
Affiliation Country: Not reported
Affiliation Zip: 145800000
Affiliation Phone: 5854229736

Name: XEROX CORP
Address: 18691 JAMBOREE BL
City,State,Zip: IRVINE, CA 92612
Site ID: 505840
CERS ID: 110041232966
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: XEROX - IRVINE
Address: 18691 JAMBOREE BLVD
City,State,Zip: IRVINE, CA
Site ID: 260288

THE BOARDWALK (Continued) **S103965748**

CERS ID: SL208033858
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

Name: XEROX CORPORATION IR
Address: 18691 JAMBOREE BLVD
City,State,Zip: IRVINE, CA 927150000
Site ID: 344997
CERS ID: 80001430
CERS Description: Corrective Action

Affiliation:
Affiliation Type Desc: Lead Project Manager
Entity Name: STEVEN ROUNDS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: CHATSWORTH
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

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

V91 **ORANGE CNTY FIRE AUTHORITY/FIRESTAT 27** **LUST** **S112915061**
West **19459 CAMPUS DR** **HAZNET** **N/A**
1/4-1/2 **SANTA ANA, CA 92707** **HWTS**
0.498 mi.
2630 ft. **Site 1 of 2 in cluster V**

Relative:
Lower

Actual:
51 ft.

ORANGE CO. LUST:
Name: JOHN WAYNE AIRPORT/FIRE STATION
Address: 19459 CAMPUS DR
City,State,Zip: SANTA ANA, CA 92707
Region: ORANGE
Facility Id: 93UT092
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 04/28/1995
Record ID: RO0000834

ORANGE CNTY FIRE AUTHORITY/FIRESTAT 27 (Continued) **S112915061**

HAZNET:

Name:	ORANGE CNTY FIRE AUTHORITY/FIRESTAT 27
Address:	19459 CAMPUS DR
Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 927070000
Contact:	CHRISTINE DUKER/ STAFF ASST
Telephone:	7142897837
Mailing Name:	Not reported
Mailing Address:	180 S WATER ST
Year:	2001
Gepaid:	CAC002355471
TSD EPA ID:	CAD050806850
CA Waste Code:	123 - Unspecified alkaline solution
Disposal Method:	H01 - Transfer Station
Tons:	0.0375
Year:	2001
Gepaid:	CAC002355471
TSD EPA ID:	CAD050806850
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H01 - Transfer Station
Tons:	0.205

Additional Info:

Year:	2001
Gen EPA ID:	CAC002355471
Shipment Date:	20010521
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20341778
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010521
Creation Date:	8/14/2001 0:00:00
Receipt Date:	20010530

ORANGE CNTY FIRE AUTHORITY/FIRESTAT 27 (Continued) **S112915061**

Manifest ID:	20341778
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010521
Creation Date:	8/14/2001 0:00:00
Receipt Date:	20010530
Manifest ID:	20341778
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010521
Creation Date:	8/14/2001 0:00:00
Receipt Date:	20010530
Manifest ID:	20341778
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

ORANGE CNTY FIRE AUTHORITY/FIRESTAT 27 (Continued) **S112915061**

CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010521
Creation Date:	8/14/2001 0:00:00
Receipt Date:	20010530
Manifest ID:	20341778
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	ORANGE CNTY FIRE AUTHORITY/FIRESTAT 27
Address:	19459 CAMPUS DR
Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 927070000
EPA ID:	CAC001475624
Inactive Date:	10/25/2000
Create Date:	09/07/1999
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	180 S WATER ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ORANGE, CA 928660000
Owner Name:	ORANGE CNTY FIRE AUTHORITY
Owner Address:	180 S WATER ST
Owner Address 2:	Not reported
Owner City,State,Zip:	ORANGE, CA 928660000
Contact Name:	CHRIS DUKER/STAFF ASST
Contact Address:	180 S WATER ST
Contact Address 2:	Not reported
City,State,Zip:	ORANGE, CA 928660000

ORANGE CNTY FIRE AUTHORITY/FIRESTAT 27 (Continued) **S112915061**

Name:	ORANGE CNTY FIRE AUTHORITY/FIRESTAT 27
Address:	19459 CAMPUS DR
Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 927070000
EPA ID:	CAC002355471
Inactive Date:	01/11/2002
Create Date:	05/14/2001
Last Act Date:	01/17/2002
Mailing Name:	Not reported
Mailing Address:	180 S WATER ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ORANGE, CA 928660000
Owner Name:	ORANGE CNTY FIRE AUTHORITY
Owner Address:	180 S WATER ST
Owner Address 2:	Not reported
Owner City,State,Zip:	ORANGE, CA 928660000
Contact Name:	CHRISTINE DUKER/ STAFF ASST
Contact Address:	180 S WATER ST
Contact Address 2:	Not reported
City,State,Zip:	ORANGE, CA 928660000

V92 **AMERICAN AIR CENTER (UCO** **CA FID UST** **S101589533**
West **19461** **HIST CORTESE** **N/A**
1/4-1/2 **SANTA ANA, CA 92707**
0.498 mi.
2630 ft. **Site 2 of 2 in cluster V**

Relative:
Lower

Actual:
51 ft.

CA FID UST:

Facility ID:	30017414
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7147240600
Mail To:	Not reported
Mailing Address:	12920 WHITTIER BLVD
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

HIST CORTESE:

edr_fname:	AMERICAN AIR CENTER (UCO
edr_fadd1:	19461
City,State,Zip:	SANTA ANA, CA 92707
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000209T

T93 **NEWPORT NISSAN** **HIST UST** **U001577442**
SSW **888** **HIST CORTESE** **N/A**
1/4-1/2 **NEWPORT BEACH, CA 92660**
0.498 mi.
2632 ft. **Site 2 of 3 in cluster T**

Relative:
Lower

Actual:
37 ft.

HIST UST:

Name:	NEWPORT NISSAN INC
Address:	888 DOVE ST
City,State,Zip:	NEWPORT BEACH, CA 92660
File Number:	0002EC11
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EC11.pdf
Region:	STATE
Facility ID:	00000024900
Facility Type:	Other
Other Type:	Not reported
Contact Name:	MARK PARKINSON
Telephone:	7148331300
Owner Name:	NEWPORT NISSAN INC
Owner Address:	888 DOVE ST
Owner City,St,Zip:	NEWPORT BEACH, CA 92660
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:	Not reported
Leak Detection:	Visual
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

HIST CORTESE:

edr_fname:	NEWPORT NISSAN
edr_fadd1:	888
City,State,Zip:	NEWPORT BEACH, CA 92660
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000302T

T94 **NEWPORT NISSAN** **LUST** **U001577443**
SSW **888 DOVE ST** **UST** **N/A**
1/4-1/2 **NEWPORT BEACH, CA 92660** **HIST UST**
0.498 mi. **CERS**
2632 ft. **Site 3 of 3 in cluster T**

Relative:
Lower

Actual:
37 ft.

ORANGE CO. LUST:

Name:	NEWPORT NISSAN
Address:	888 DOVE ST
City,State,Zip:	NEWPORT BEACH, CA 92660
Region:	ORANGE
Facility Id:	90UT177
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	07/29/1993
Record ID:	RO0001107

LUST REG 8:

Name:	NEWPORT NISSAN
Address:	888 DOVE
City:	NEWPORT BEACH
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000302T
Local Case Num:	90UT177
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900238
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:	7/23/1990
Enforcement Date:	Not reported
Close Date:	7/29/1993
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:	33.6579175
Longitude:	-117.8646096

NEWPORT NISSAN (Continued) **U001577443**

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: VJJ
Staff Initials: JK
Lead Agency: Local Agency
Local Agency: 30000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

LUST:
Name: NEWPORT NISSAN
Address: 888 DOVE
City,State,Zip: NEWPORT BEACH, CA 92660
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900238
Global Id: T0605900238
Latitude: 33.6579755
Longitude: -117.8646931
Status: Completed - Case Closed
Status Date: 07/29/1993
Case Worker: DB
RB Case Number: 083000302T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 90UT177
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605900238
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605900238
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

NEWPORT NISSAN (Continued) **U001577443**

LUST:
Global Id: T0605900238
Action Type: Other
Date: 07/23/1990
Action: Leak Discovery

Global Id: T0605900238
Action Type: Other
Date: 07/23/1990
Action: Leak Reported

LUST:
Global Id: T0605900238
Status: Open - Case Begin Date
Status Date: 07/23/1990

Global Id: T0605900238
Status: Completed - Case Closed
Status Date: 07/29/1993

UST:
Name: NEWPORT NISSAN
Address: 888 DOVE ST
City,State,Zip: NEWPORT BEACH, CA 92660
Facility ID: 1874
Permitting Agency: ORANGE COUNTY
Latitude: 33.65789
Longitude: -117.86481

HIST UST:
Name: NEWPORT NISSAN INC.
Address: 888 DOVE ST
City,State,Zip: NEWPORT BEACH, CA 92660
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000008125
Facility Type: Other
Other Type: Not reported
Contact Name: MARK PARKINSON
Telephone: 7148331300
Owner Name: NEWPORT NISSAN INC.
Owner Address: 888 DOVE ST.
Owner City,St,Zip: NEWPORT BEACH, CA 92660
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1972
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 1/4
Leak Detection: None

NEWPORT NISSAN (Continued) **U001577443**

Tank Num: 002
Container Num: 2
Year Installed: 1972
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: None

CERS:
Name: NEWPORT NISSAN
Address: 888 DOVE
City,State,Zip: NEWPORT BEACH, CA 92660
Site ID: 243689
CERS ID: T0605900238
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DENAMARIE BAKER - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E. DYER ROAD, STE. 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336255

Affiliation Type Desc: Regional Board Caseworker
Entity Name: VALERIE JAHN-BULL - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824903

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95 **DICEON ELECTRONICS** **ENVIROSTOR** **1000209223**
NNE **18522 VON KARMAN AVENUE** **CPS-SLIC** **N/A**
1/2-1 **IRVINE, CA 92714** **HIST UST**
0.644 mi. **Orange Co. Industrial Site**
3401 ft. **EMI**
CIWQS
Relative: **CERS**
Lower

Actual: **39 ft.**

ENVIROSTOR:
Name: SANMINA CORP. - IRVINE
Address: 18522 VON KARMAN AVENUE
City,State,Zip: IRVINE, CA 92612
Facility ID: 71002203
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported

DICEON ELECTRONICS (Continued) **1000209223**

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: 33.67444
Longitude: -117.8536
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008344285
Alias Type: EPA Identification Number
Alias Name: 110000480765
Alias Type: EPA (FRS #)
Alias Name: 71002203
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

CPS-SLIC:
Name: SANMINA CORP
Address: 18522 VON KARMAN AVE
City,State,Zip: IRVINE, CA 92612
Region: STATE
Facility Status: **Open - Assessment & Interim Remedial Action**
Status Date: 08/01/2016
Global Id: SL208073862
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.6741935339484
Longitude: -117.85373210907
Case Type: Cleanup Program Site
Case Worker: MG

DICEON ELECTRONICS (Continued) **1000209223**

Local Agency:	Not reported
RB Case Number:	2080700/2080081
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Not reported
Site History:	Irvine Towers site is located to the north of the former Sanmina facility and was suspected of having groundwater contamination as a result of migration of contaminated water from the former Sanmina and Parker Hannifin facilities. An investigation order under CWC Section 133267 was issued to both parties on May 5, 2009. The first phase of investigation was conducted in September 2009. The reported data indicates that contamination of Groundwater with TCE exists in the southern portion of the Site. Lateral and vertical delineation of the TCE plume at Irvine Towers and Marriott properties have been completed. A pilot test work plan was approved in 2016 and a report of waste discharge for the pilot test is currently under review. Pilot testing is expected to take place in Fall 2019.

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	DICEON ELECTRONICS
Address:	18522 VON KARMAN AVENUE
City,State,Zip:	IRVINE, CA 92714
File Number:	0002E858
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E858.pdf
Region:	STATE
Facility ID:	00000065652
Facility Type:	Other
Other Type:	MFG. PRINTED CIRCUIT
Contact Name:	Not reported
Telephone:	7148330870
Owner Name:	DICEON ELECTRONICS
Owner Address:	18522 VON KARMAN AVENUE
Owner City,St,Zip:	IRVINE, CA 92714
Total Tanks:	0002
Tank Num:	001
Container Num:	001 MEMTEK
Year Installed:	1985
Tank Capacity:	00000450
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	4
Leak Detection:	Visual
Tank Num:	002
Container Num:	002 MEMTEK
Year Installed:	1985
Tank Capacity:	00000800
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	4
Leak Detection:	Visual

DICEON ELECTRONICS (Continued) **1000209223**

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Orange Co. Industrial Site:

Name:	SANMINA-SCI CORPORATION (FORMER DICEON ELECTRONICS
Address:	18522 VON KARMAN AVE
City,State,Zip:	IRVINE, CA 92715
Case ID:	89IC031
Record ID:	RO0000207
Current Status:	CLOSED 7/5/2005
Closure Type:	Closure certification issued
Released Chemical:	DICHLOROETHYLENE (1,2); TRICHLOROETHYLENE; PERCHLOROETHYLENE; TRICHLOROETHANE; CHROMIUM COMPOUNDS

EMI:

Name:	DICEON ELECTRONICS INC
Address:	18522 VON KARMAN AVE
City,State,Zip:	IRVINE, CA 92714
Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	39
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

Name:	DICEON ELECTRONICS INC
Address:	18522 VON KARMAN AVE
City,State,Zip:	IRVINE, CA 92714
Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	15
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	32
Part. Matter 10 Micrometers and Smllr Tons/Yr:	20

Name:	ELEXSYS INTERNATIONAL, INC
Address:	18522 VON KARMAN AV

DICEON ELECTRONICS (Continued) **1000209223**

City,State,Zip:	IRVINE, CA 92714
Year:	1993
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	15
Reactive Organic Gases Tons/Yr:	14
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	ELEXSYS INTERNATIONAL, INC
Address:	18522 VON KARMAN AV
City,State,Zip:	IRVINE, CA 92714
Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	15
Reactive Organic Gases Tons/Yr:	14
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	ELEXSYS INTERNATIONAL, INC
Address:	18522 VON KARMAN AVE
City,State,Zip:	IRVINE, CA 92714
Year:	1996
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	37
Reactive Organic Gases Tons/Yr:	29
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	4
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3

DICEON ELECTRONICS (Continued) **1000209223**

Name:	ELEXSYS INTERNATIONAL, INC
Address:	18522 VON KARMAN AV
City,State,Zip:	IRVINE, CA 92714
Year:	1997
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	35
Reactive Organic Gases Tons/Yr:	26
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 Smllr Tons/Yr:	0

Name:	ELEXSYS INTERNATIONAL, INC
Address:	18522 VON KARMAN AV
City,State,Zip:	IRVINE, CA 92714
Year:	1998
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	35
Reactive Organic Gases Tons/Yr:	26
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 Smllr Tons/Yr:	0

Name:	ELEXSYS INTERNATIONAL, INC
Address:	18522 VON KARMAN AV
City,State,Zip:	IRVINE, CA 92714
Year:	1999
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	35
Reactive Organic Gases Tons/Yr:	26
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

DICEON ELECTRONICS (Continued) **1000209223**

Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: ELEXSYS INTERNATIONAL, INC
Address: 18522 VON KARMAN AV
City,State,Zip: IRVINE, CA 92714
Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 4603
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: 35
Reactive Organic Gases Tons/Yr: 26
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 Smllr Tons/Yr: 0

CIWQS:
Name: SANMINA CORP
Address: 18522 VON KARMAN AVE
City,State,Zip: IRVINE, CA 92612
Agency: Sanmina Corp
Agency Address: 18522 Von Karman Ave, Irvine, CA 92612
Place/Project Type: Industrial - Printed Circuit Boards
SIC/NAICS: 3672
Region: 8
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 30I013993
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 05/21/1998
Termination Date: 08/13/2004
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: 33.67624
Longitude: -117.85344

CERS:
Name: SANMINA CORP
Address: 18522 VON KARMAN AVE
City,State,Zip: IRVINE, CA 92612
Site ID: 202368

DICEON ELECTRONICS (Continued) **1000209223**

CERS ID: SL208073862
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: MAILE SEEGER GEE - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824379

Name: SANMINA CORPORATION
Address: 18522 VON KARMAN AVENUE
City,State,Zip: IRVINE, CA 92612
Site ID: 492366
CERS ID: 110000480765
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: JENNY LU
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: JIM RYAN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

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96 **ORANGE COUNTY AIRPORT** **ENVIROSTOR** **S107736963**
WNW **N/A**
1/2-1 **NEWPORT BEACH, CA**
0.685 mi.
3615 ft.

Relative:
Higher

Actual:
53 ft.

ENVIROSTOR:
Name: ORANGE COUNTY AIRPORT
Address: Not reported
City,State,Zip: NEWPORT BEACH, CA
Facility ID: 80000829
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation

ORANGE COUNTY AIRPORT (Continued) **S107736963**

Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	74
Senate:	37
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	33.67166
Longitude:	-117.8719
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F994900
Alias Type:	Federal Facility ID
Alias Name:	J09CA7127
Alias Type:	INPR
Alias Name:	80000829
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:	08/18/1998
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

W97 **TRAMMEL CROW** **RESPONSE** **S102439198**
NE **2602 MICHELSON** **ENVIROSTOR** **N/A**
1/2-1 **IRVINE, CA 92714** **LUST**
0.755 mi. **CERS**
3984 ft. **Site 1 of 2 in cluster W**

Relative: **Lower**

Actual: **37 ft.**

RESPONSE:

Name:	AUDIO MAGNETICS
Address:	2602 MICHELSON DR
City,State,Zip:	IRVINE, CA 92612
Facility ID:	30350014
Site Type:	State Response
Site Type Detail:	State Response or NPL

TRAMMEL CROW (Continued) **S102439198**

Acres:	0.55
National Priorities List:	NO
Cleanup Oversight Agencies:	NONE SPECIFIED
Lead Agency Description:	Not reported
Project Manager:	Not reported
Supervisor:	Patrick Hsieh
Division Branch:	Cleanup Cypress
Site Code:	Not reported
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	74
Senate:	37
Special Program Status:	Not reported
Status:	Certified
Status Date:	01/01/1984
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	33.67378
Longitude:	-117.8502
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - ELECTRONIC
Potential COC :	Acetone Methyl ethyl ketone (2-Butanone Toluene
Confirmed COC:	30550-NO 30032-NO 30386-NO
Potential Description:	OTH, SOIL
Alias Name:	110008260577
Alias Type:	EPA (FRS #)
Alias Name:	30350014
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Plan
Completed Date:	01/30/1984
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	02/13/1984
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	02/24/1984
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

TRAMMEL CROW (Continued) **S102439198**

ENVIROSTOR:

Name:	AUDIO MAGNETICS
Address:	2602 MICHELSON DR
City,State,Zip:	IRVINE, CA 92612
Facility ID:	30350014
Status:	Certified
Status Date:	01/01/1984
Site Code:	Not reported
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	0.55
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Patrick Hsieh
Division Branch:	Cleanup Cypress
Assembly:	74
Senate:	37
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.67378
Longitude:	-117.8502
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - ELECTRONIC
Potential COC:	Acetone Methyl ethyl ketone (2-Butanone Toluene
Confirmed COC:	30550-NO 30032-NO 30386-NO
Potential Description:	OTH, SOIL
Alias Name:	110008260577
Alias Type:	EPA (FRS #)
Alias Name:	30350014
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Plan
Completed Date:	01/30/1984
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	02/13/1984
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	02/24/1984
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported

TRAMMEL CROW (Continued) **S102439198**

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. LUST:
Name: TRAMMEL CROW
Address: 2602 MICHELSON DR
City,State,Zip: IRVINE, CA 92714
Region: ORANGE
Facility Id: 84UT037
Released Substance: Toluene; Acetone, etc.; Methyl ethyl ketones
Date Closed: 05/29/1985
Record ID: RO0001592

LUST REG 8:
Name: TRAMMEL CROW
Address: 2602 MICHELSON
City: IRVINE
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: Not reported
Local Case Num: 84UT037
Case Type: Undefined
Substance: 108883,67641
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: T0605930433
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: 1/1/1965
Enforcement Date: Not reported
Close Date: 5/29/1985
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

TRAMMEL CROW (Continued) **S102439198**

Interim:	Not reported
Oversite Program:	LUST
Latitude:	Not reported
Longitude:	Not reported
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:	Not reported
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

LUST:

Name:	TRAMMEL CROW
Address:	2602 MICHELSON
City,State,Zip:	IRVINE, CA 92714
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605930433
Global Id:	T0605930433
Latitude:	33.674321
Longitude:	-117.850094
Status:	Completed - Case Closed
Status Date:	05/29/1985
Case Worker:	JW
RB Case Number:	Not reported
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	84UT037
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Toluene, Acetone, Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

LUST:

Global Id:	T0605930433
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:	T0605930433
Contact Type:	Regional Board Caseworker
Contact Name:	NONE
Organization Name:	SANTA ANA RWQCB (REGION 8)

TRAMMEL CROW (Continued) **S102439198**

Address: Not reported
City: RIVERSIDE
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0605930433
Action Type: ENFORCEMENT
Date: 06/06/1985
Action: Closure/No Further Action Letter

Global Id: T0605930433
Action Type: ENFORCEMENT
Date: 02/24/1984
Action: Staff Letter

LUST:
Global Id: T0605930433
Status: Completed - Case Closed
Status Date: 05/29/1985

Global Id: T0605930433
Status: Open - Case Begin Date
Status Date: 05/29/1985

CERS:
Name: TRAMMEL CROW
Address: 2602 MICHELSON
City,State,Zip: IRVINE, CA 92714
Site ID: 187810
CERS ID: T0605930433
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: NONE - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JULIE WOZENCRAFT - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336252

W98 **AUDIO MAGNETICS CORP** **RCRA-SQG** **1000258834**
NE **2602 MICHELSON DR** **HIST Cal-Sites** **CAD008238115**
1/2-1 **IRVINE, CA 92612** **FINDS**
0.755 mi. **ECHO**
3984 ft. **Site 2 of 2 in cluster W** **CERS**

Relative: Lower

Actual: 37 ft.

RCRA-SQG:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	AUDIO MAGNETICS CORP
Facility address:	2602 MICHELSON DR IRVINE, CA 92612
EPA ID:	CAD008238115
Mailing address:	2602 MICHELSON DRIVE IRVINE, CA 92664
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	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:	AUDIO MAGNETICS CORPORATION
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

Handler Activities Summary:

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

AUDIO MAGNETICS CORP (Continued) **1000258834**

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: 1980-12-03 00:00:00.0
Site name: AUDIO MAGNETICS CORP
Classification: Large Quantity Generator

Violation Status: No violations found

Calsite:
Name: AUDIO MAGNETICS
Address: 2602 MICHELSON DR
City: IRVINE
Region: CYPRESS
Facility ID: 30350014
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: SB
Branch Name: SO CAL - CYPRESS
File Name: Not reported
State Senate District: 01011984
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: N/A
NPL: Not reported
SIC Code: 35
SIC Name: MANU - INDUSTRIAL MACHINERY & EQUIPMENT
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
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: 35
Facility ID: 30350014
Activity: CERT
Activity Name: CERTIFICATION

AUDIO MAGNETICS CORP (Continued) **1000258834**

AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01011984
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
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:	2602 MICHELSON DRIVE
Alternate City,St,Zip:	IRVINE, CA 92664
Alternate Address:	2602 MICHELSON DR
Alternate City,St,Zip:	IRVINE, CA 92612
Background Info:	Not reported
Comments Date:	01011976
Comments:	VIOLATION DETECTED NON-COMPLI ORDER-EXPLOSIVES TO SEWER
Comments Date:	02011975
Comments:	VIOLATION DETECTED ORDERED TO DISCONNECT CLARIFIER FROM
Comments Date:	02011975
Comments:	SEWER.
Comments Date:	02011976
Comments:	EMERGENCY ACTION 15 GAL TOLUENE SPILL TO CLARIFIER
Comments Date:	04131981
Comments:	SANITARY DISTRICT
Comments Date:	08191991
Comments:	Records Search: Site certified in 1984. (Month and Day
Comments Date:	08191991
Comments:	information not available. Date (January 1) chosen because
Comments Date:	08191991
Comments:	it provides the earliest statute of limitations date.)
Comments Date:	11031982
Comments:	RECOMMEND NFA BASED ON DRIVE-BY.
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	AUDIO MAGNETICS
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

FINDS:

Registry ID:	110008260577
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008260577

Environmental Interest/Information System:

AUDIO MAGNETICS CORP (Continued) **1000258834**

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor 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.
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:	1000258834
Registry ID:	110008260577
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008260577
Name:	AUDIO MAGNETICS
Address:	2602 MICHELSON DR
City,State,Zip:	IRVINE, CA 92612

CERS:

Name:	2600 MICHELSON DRIVE LLC
Address:	2602 MICHELSON DR
City,State,Zip:	IRVINE, CA 92612
Site ID:	423818
CERS ID:	10572094
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	423818
Site Name:	2600 MICHELSON DRIVE LLC
Violation Date:	05-02-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	423818
Site Name:	2600 MICHELSON DRIVE LLC
Violation Date:	11-20-2018
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507

AUDIO MAGNETICS CORP (Continued) **1000258834**

Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	423818
Site Name:	2600 MICHELSON DRIVE LLC
Violation Date:	11-20-2018
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Not reported
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	423818
Site Name:	2600 MICHELSON DRIVE LLC
Violation Date:	06-10-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 06/12/2017. Minor Violation: HMBP information not amended to reflect what is currently on site. Observation: The site map is incorrect; no LPG was observed on site. The emergency contacts and business mailing address were out of date. Corrective Action: Within 30 days, update HMBP information to reflect the location of any reportable quantities of hazardous materials currently on site, the current business mailing address, and contacts.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	423818
Site Name:	2600 MICHELSON DRIVE LLC
Violation Date:	05-02-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. CORRECTIVE ACTION: Complete and electronically

AUDIO MAGNETICS CORP (Continued) **1000258834**

submit a site map with all required content.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 423818
Site Name: 2600 MICHELSON DRIVE LLC
Violation Date: 11-20-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 07-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: E-submit password reset and guidance for Curt Stromstedt
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-20-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Based on a review of the California Environmental Reporting System (CERS), the facility has not completed and electronically certified for 2018. Pursuant to the California Health & Safety Code (H&SC) Chapter 6.95, Section 25508 and the California Code of Regulations (CCR) Title 19, Sections 2654 and 2655, businesses are required to electronically submit, review and update, or certify their hazardous materials inventory annually by March 1st. The following items are required to be reviewed, updated if there has been a change at the facility, and completed in CERS: - Business Activities - Business Owner/Operator - Chemical Inventory - Facility Site Map - Emergency Response & Training Plans As a result, violations have been cited against the facility for the failure to annually review and electronically submit the business plan on or before the annual due date and certify that it is complete, accurate, and in compliance (HSC 6.95 25508(a)(1), 25508.2) [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Met with Mr. Luis Nunez, Chief Engineer, and observed the mailing address and ownership on file was incorrect. The mailing address

AUDIO MAGNETICS CORP (Continued) **1000258834**

should be2600 Michelson Drive, Suite 840, Irvine, Ca. 92612. The owner is now SPUS8 2600 Michelson, LP, 515 South Flower Street, 31st Floor, Los Angeles, CA 90071. Walked through the facility and observed: - 3, 50 gallon day tanks with Diesel - 2, 250 gallon generator diesel aboveground storage tanks (ASTs) This is consistent with what was submitted in CERS on 6/26/17. Discussed with the business that the CERS submittal must be completed for 2019 within 30 days. See comments in CERS. The site did commence with the 2019 CERS submittal, however, the submittal requires updates to the Business Owner/Operator page for the new contact, submittal of the hazardous materials inventory/site map, and updates to the submittal for the Emergency Response Plan. Employees are trained.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-07-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: review all necessary information
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous materials and business emergency plan (BEP) inspection. Consent to enter and inspect the facility was granted by Anthony Ramirez, Engineer. Observed the facilityG s hazardous materials storage areas. Hazardous materials must be reported if the business handles an amount equal to or greater than 55 gallons of liquid, 500 pounds of solid, or 200 cubic feet of compressed gas (1,000 cubic feet threshold for gases for which the only health/physical hazards are simple asphyxiation and the release of pressure). During todayG s inspection, the following hazardous materials were observed at this facility: G 2 x 250-gallon aboveground storage tanks of diesel The most recent Business Emergency Plan was not available for review at the time of inspection. The hazardous materials business plan and inventory must be completed and submitted electronically within 30 days.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-24-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

AUDIO MAGNETICS CORP (Continued) **1000258834**

Coordinates:

Site ID:	423818
Facility Name:	2600 MICHELSON DRIVE LLC
Env Int Type Code:	HMBP
Program ID:	10572094
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.674330
Longitude:	-117.850220

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	CBRE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 221-0030

Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6000

Affiliation Type Desc:	Environmental Contact
Entity Name:	Luis Nunez
Entity Title:	Not reported
Affiliation Address:	2600 Michelson Drive #840
Affiliation City:	Irvine
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92612
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2600 Michelson Drive #840
Affiliation City:	Irvine
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92612
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Kristen Espinoza
Entity Title:	Real Estate Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported

AUDIO MAGNETICS CORP (Continued) **1000258834**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: SPUS8 2600 Michelson, LP
Entity Title: Not reported
Affiliation Address: 515 South Flower Street, 31st Floor
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90071
Affiliation Phone: (949) 221-0030

Affiliation Type Desc: Document Preparer
Entity Name: Kristen Espinoza
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: 2600 MICHELSON DRIVE LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: AUDIO MAGNETICS
Address: 2602 MICHELSON DR
City,State,Zip: IRVINE, CA 92612
Site ID: 334813
CERS ID: 30350014
CERS Description: State Response

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

X99 **SIGMA CIRCUITS, INC. - COSTA MESA** **ENVIROSTOR** **S118757430**
WNW **2970 AIRWAY AVENUE** **N/A**
1/2-1 **COSTA MESA, CA 92626**
0.892 mi.
4712 ft. **Site 1 of 3 in cluster X**

Relative:
Higher

Actual:
52 ft.

ENVIROSTOR:

Name:	SIGMA CIRCUITS, INC. - COSTA MESA
Address:	2970 AIRWAY AVENUE
City,State,Zip:	COSTA MESA, CA 92626
Facility ID:	71002902
Status:	No Action Required
Status Date:	06/20/2001
Site Code:	600831
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:	33.66986
Longitude:	-117.8760
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - ELECTRONIC
Potential COC:	Lead Copper and compounds 1,1-Dichloroethylene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV
Alias Name:	CAD981658669
Alias Type:	EPA Identification Number
Alias Name:	110000784278
Alias Type:	EPA (FRS #)
Alias Name:	600831
Alias Type:	Project Code (Site Code)
Alias Name:	71002902
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase I Verification
Completed Date:	04/28/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Non-Submittal
Completed Date:	06/20/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

SIGMA CIRCUITS, INC. - COSTA MESA (Continued) **S118757430**

Completed Document Type:	Phase 1
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

X100 **SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV** **SEMS-ARCHIVE** **1000294703**
WNW **2970 AIRWAY AVENUE** **RCRA-SQG** **CAD981658669**
1/2-1 **COSTA MESA, CA 92626** **ENVIROSTOR**
0.892 mi. **CPS-SLIC**
4712 ft. **Site 2 of 3 in cluster X** **Orange Co. Industrial Site**
FINDS
Relative: Higher **ECHO**
EMI
Actual: 52 ft. **HAZNET**
CERS
HWTS

SEMS Archive:

Site ID:	0903532
EPA ID:	CAD981658669
Name:	SIGMA CIRCUITS INC
Address:	2970 AIRWAY
Address 2:	Not reported
City,State,Zip:	COSTA MESA, CA 92627
Cong District:	40
FIPS Code:	06059
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:	09
Site ID:	0903532
EPA ID:	CAD981658669
Site Name:	SIGMA CIRCUITS INC
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1989-03-15 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	09
Site ID:	0903532
EPA ID:	CAD981658669

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Site Name:	SIGMA CIRCUITS INC
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1989-03-15 05:00:00
Qual:	N
Current Action Lead:	St Perf
Region:	09
Site ID:	0903532
EPA ID:	CAD981658669
Site Name:	SIGMA CIRCUITS INC
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1987-12-01 05:00:00
Finish Date:	1987-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	St Perf

RCRA-SQG:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	SIGMA CIRCUITS INC
Facility address:	2970 AIRWAY AVE COSTA MESA, CA 92626
EPA ID:	CAD981658669
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ANGLYNN LYNN
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

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

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: 1996-09-01 00:00:00.0
Site name: SIGMA CIRCUITS INC
Classification: Small Quantity Generator

Date form received by agency: 1996-03-15 00:00:00.0
Site name: SIGMA CIRCUITS, INC - SOUTHERN CA DIVISI
Classification: Large Quantity Generator

Date form received by agency: 1994-03-25 00:00:00.0
Site name: SIGMA CIRCUITS INC.
Classification: Large Quantity Generator

Date form received by agency: 1992-02-26 00:00:00.0
Site name: SIGMA CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 1990-04-06 00:00:00.0
Site name: SIGMA CIRCUITS INC

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Classification: Large Quantity Generator

Date form received by agency: 1986-11-11 00:00:00.0
Site name: SIGMA CIRCUITS 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: 2003-01-10 17:22:41.0
Date achieved compliance: 1993-11-08 00:00:00.0
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: 1993-11-08 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 1991-12-02 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1993-11-08 00:00:00.0
Evaluation lead agency: State Contractor/Grantee

ENVIROSTOR:
Name: ZEUS MANUFACTURING
Address: 2970 AIRWAY AVENUE
City,State,Zip: COSTA MESA, CA 92627
Facility ID: 30280370
Status: Refer: Other Agency
Status Date: 10/18/1988
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: 74
Senate: 37
Special Program: * CERC2
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Latitude: 33.66989
Longitude: -117.8760
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * Metals - Other Inorganic Solid Waste * Metals - Sludge * ORGANIC LIQUIDS WITH METALS * OXYGENATED SOLVENTS * ACID SOLUTION 2>PH WITH METALS * UNSPECIFIED SOLVENT MIXTURES * OTHER INORGANIC SOLID WASTE * POLYMERIC RESIN WASTE Not reported
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30280370
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: Database verification project confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/23/1988
Comments: PRELIM ASSESS DONE PRELIMINARY ASSESSMENT COMPLETED. THERE IS A NEW COMPANY ON LOCATION KNOWN AS SIGMA CIRCUIT. SIGMA CIRCUIT LISTED AS A GENERATOR. SIGMA CIRCUIT MANUFAC- TURES PRINTED CIRCUIT BOARDS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/02/1982
Comments: FACILITY IDENTIFIED VIA A TIP FACILITY DRIVE-BY APPROX. 250 DRUMS AT SITE ABANDONED & ACCESSIBLE TO THE PUBLIC;SPILLS; OPEN DRUMS; CORRODED DRUMS; WATER REACTIVE DRUM ON SIDE & BUILDING. FINAL STRATEGY SITE REFERRED: TO HWMB- LA -ENF. TIP FROM CO SANIT INSPECTOR FIRM ABANDONED CHEMICALS AT FORMER SITE

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

CPS-SLIC:
Name: SIGMA CIRCUITS
Address: 2970 AIRWAY AVENUE
City,State,Zip: COSTA MESA, CA
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 04/03/1997
Global Id: SLT8R1824103

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Lead Agency:	ORANGE COUNTY LOP
Lead Agency Case Number:	Not reported
Latitude:	33.680164
Longitude:	-117.869715
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	SLT8R182
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:

Orange Co. Industrial Site:

Name:	SIGMA CIRCUIT
Address:	2970 AIRWAY AVE
City,State,Zip:	COSTA MESA, CA 92626
Case ID:	86IC010
Record ID:	RO0003078
Current Status:	CLOSED 12/9/1987
Closure Type:	Closed pre 1994, file review required to determine closure type
Released Chemical:	PLATING WASTE - OTHER; METALS

Name:	SIGMA CIRCUITS INC
Address:	2970 AIRWAY AVE
City,State,Zip:	COSTA MESA, CA 92626
Case ID:	89IC003
Record ID:	RO0000205
Current Status:	CLOSED 5/31/1991
Closure Type:	Closed pre 1994, file review required to determine closure type
Released Chemical:	PLATING WASTE - COPPER

Name:	SIGMA CIRCUITS INC
Address:	2970 AIRWAY AVE
City,State,Zip:	COSTA MESA, CA 92626
Case ID:	89IC056
Record ID:	RO0000234
Current Status:	CLOSED 7/19/1991
Closure Type:	Closed pre 1994, file review required to determine closure type
Released Chemical:	ACID WASTE

Name:	SIGMA CIRCUITS INC
Address:	2970 AIRWAY AVE
City,State,Zip:	COSTA MESA, CA 92626
Case ID:	96IC032
Record ID:	RO0000554
Current Status:	CLOSED 4/3/1997
Closure Type:	Closure certification issued
Released Chemical:	LEAD COMPOUNDS

FINDS:

Registry ID:	110000784278
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110000784278

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

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.
STATE MASTER

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

ECHO:

Envid:	1000294703
Registry ID:	110000784278
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000784278
Name:	SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV
Address:	2970 AIRWAY AVENUE
City,State,Zip:	COSTA MESA, CA 92626

EMI:

Name:	SIGMA CIRCUITS INC
Address:	2970 AIRWAY AV
City,State,Zip:	COSTA MESA, CA 926260000
Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	45852
Air District Name:	SC
SIC Code:	3679
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

Name:	SIGMA CIRCUITS INC
Address:	2970 AIRWAY AV
City,State,Zip:	COSTA MESA, CA 926260000
Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	45852
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

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

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 Smllr Tons/Yr: 1

Name: SIGMA CIRCUITS INC
Address: 2970 AIRWAY AV
City,State,Zip: COSTA MESA, CA 926260000
Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 45852
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: 7
Reactive Organic Gases Tons/Yr: 7
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

Name: SIGMA CIRCUITS INC
Address: 2970 AIRWAY AVE
City,State,Zip: COSTA MESA, CA 926260000
Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 45852
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: 8
Reactive Organic Gases Tons/Yr: 8
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

HAZNET:
Name: SIGMA CIRCUITS INC
Address: 2970 AIRWAY AVE
Address 2: Not reported
City,State,Zip: COSTA MESA, CA 926260000
Contact: BRIAN THOMAS
Telephone: 4087279168
Mailing Name: Not reported
Mailing Address: 393 MATHEW ST

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Year: 1997
Gepaid: CAD981658669
TSD EPA ID: UTD981552177
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: T03 - Treatment, Incineration
Tons: 6.7424

Year: 1996
Gepaid: CAD981658669
TSD EPA ID: CAD000088252
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.5445

Year: 1996
Gepaid: CAD981658669
TSD EPA ID: CAD003963592
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: R01 - Recycler
Tons: 2.45

Year: 1996
Gepaid: CAD981658669
TSD EPA ID: CAD003963592
CA Waste Code: *** - Invalid waste code
Disposal Method: R01 - Recycler
Tons: 0.2

Year: 1996
Gepaid: CAD981658669
TSD EPA ID: CAD001968361
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: R01 - Recycler
Tons: 4.17

Year: 1996
Gepaid: CAD981658669
TSD EPA ID: CAD008488025
CA Waste Code: 726 - Liquids with nickel >= 134 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.417

Year: 1996
Gepaid: CAD981658669
TSD EPA ID: CAD008488025
CA Waste Code: 123 - Unspecified alkaline solution
Disposal Method: T01 - Treatment, Tank
Tons: 74.9135

Year: 1996
Gepaid: CAD981658669
TSD EPA ID: CAD008488025
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: T01 - Treatment, Tank
Tons: 18.5565

Year: 1996

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Gepaid: CAD981658669
TSD EPA ID: HAH036050092
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H01 - Transfer Station
Tons: 0.418

Year: 1996
Gepaid: CAD981658669
TSD EPA ID: AZD980735500
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: R01 - Recycler
Tons: 130.4844

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

Additional Info:
Year: 1993
Gen EPA ID: CAD981658669

Shipment Date: 19931221
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931222
Manifest ID: 92828120
Trans EPA ID: CAD982518268
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: Not reported
TSDF Alt EPA ID: CAD008488025
TSDF Alt Name: Not reported
CA Waste Code: 132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code: D002
Disposal Method: R01 - Recycler
Quantity Tons: 1.251
Waste Quantity: 300
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931218
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931215
Manifest ID: 93061415
Trans EPA ID: CAD982518268
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: Not reported
TSDF Alt EPA ID: Not reported

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931217
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931220
Manifest ID:	93061520
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	1.668
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931216
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931217
Manifest ID:	92829068
Trans EPA ID:	CAD000023648
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000628149
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000628149
TSDF Alt Name:	Not reported
CA Waste Code:	792 - Not reported
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931214
Creation Date:	9/13/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93061415
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	- Not reported
Quantity Tons:	2.919
Waste Quantity:	700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931210
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931215
Manifest ID:	93061445
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931207

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931208
Manifest ID:	93061371
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	2.085
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931206
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931207
Manifest ID:	93195964
Trans EPA ID:	CA0000023648
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000628149
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	792 - Not reported
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931201
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931203
Manifest ID:	93061330
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931129
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931201
Manifest ID:	93061245
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981658669

Shipment Date:	19951228
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951228
Manifest ID:	95146425
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	2.0641
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951222
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951226
Manifest ID:	95314998
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980675896
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951222
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951226
Manifest ID:	95314998
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980675896
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951221
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951221
Manifest ID:	95146424
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.8765
Waste Quantity:	450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951218
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951221
Manifest ID:	95448323
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	171 - Metal sludge (see 121
RCRA Code:	F006
Disposal Method:	R01 - Recycler
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951218
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951218
Manifest ID:	95146423
Trans EPA ID:	NJD986619328
Trans Name:	Not reported

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951214
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951214
Manifest ID:	95146422
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	2.502
Waste Quantity:	600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951211
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951211
Manifest ID:	95146421
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Quantity Tons:	3.2109
Waste Quantity:	770
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951211
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951211
Manifest ID:	93147148
Trans EPA ID:	OH0000000539
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951207
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951207
Manifest ID:	95146420
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Additional Info:

Year:	1996
Gen EPA ID:	CAD981658669
Shipment Date:	19961108
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961112
Manifest ID:	95146467
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Disposal Method:	- Not reported
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961029
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961108
Manifest ID:	95146470
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	171 - Metal sludge (see 121
RCRA Code:	F006
Disposal Method:	R01 - Recycler
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961017
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961017
Manifest ID:	95197408
Trans EPA ID:	CAD983608258

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	F006
Disposal Method:	R01 - Recycler
Quantity Tons:	3.465
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960930
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961001
Manifest ID:	95146468
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	171 - Metal sludge (see 121
RCRA Code:	F006
Disposal Method:	R01 - Recycler
Quantity Tons:	2.25
Waste Quantity:	4500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960927
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	95197551
Trans EPA ID:	OH0000000539
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960927
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	95197551
Trans EPA ID:	OH0000000539
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960927
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	95197552
Trans EPA ID:	OH0000000539
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Shipment Date:	19960927
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	95197552
Trans EPA ID:	OH0000000539
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960927
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	95197552
Trans EPA ID:	OH0000000539
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960927
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	95197552
Trans EPA ID:	OH0000000539
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.055
Waste Quantity:	110
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD981658669
Shipment Date:	19970828
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970903
Manifest ID:	96615839
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982422900
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Disposal Method:	T03 - Treatment, Incineration
Quantity Tons:	6.7424
Waste Quantity:	8
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD981658669
Shipment Date:	19941223
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941227
Manifest ID:	93476936
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941220
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941222
Manifest ID:	93475989
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941216
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941219
Manifest ID:	93475990
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	2.085
Waste Quantity:	500
Quantity Unit:	G

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941213
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941213
Manifest ID:	92851843
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
CA Waste Code:	792 - Not reported
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941209
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941214
Manifest ID:	93476704
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941206
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941207

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Manifest ID:	93707948
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Disposal Method:	R01 - Recycler
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941206
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941209
Manifest ID:	93475748
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	1.668
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941202
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941206
Manifest ID:	93475747
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

CA Waste Code:	123 - Unspecified alkaline solution
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941129
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941208
Manifest ID:	93432594
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941129
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941208
Manifest ID:	93432594
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued) **1000294703**

Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: SIGMA CIRCUITS
Address: 2970 AIRWAY AVENUE
City,State,Zip: COSTA MESA, CA
Site ID: 238585
CERS ID: SLT8R1824103
CERS Description: Cleanup Program Site

HWTS:
Name: SIGMA CIRCUITS INC
Address: 2970 AIRWAY AVE
Address 2: Not reported
City,State,Zip: COSTA MESA, CA 926260000
EPA ID: CAD981658669
Inactive Date: 06/30/1998
Create Date: 04/10/1987
Last Act Date: 09/14/2004
Mailing Name: Not reported
Mailing Address: 393 MATHEW ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA CLARA, CA 950503113
Owner Name: SIGMA CIRCUITS INC
Owner Address: 393 MATHEW ST
Owner Address 2: Not reported
Owner City,State,Zip: SANTA CLARA, CA 950503113
Contact Name: BRIAN THOMAS
Contact Address: INACTIVE PER VQ98 - BMI
Contact Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 950503113

X101 **COMMODORE SEMICONDUCTOR SYSTEM** **ENVIROSTOR** **U001576790**
WNW **2955 AIRWAY AVE** **HIST UST** **N/A**
1/2-1 **COSTA MESA, CA 92626** **EMI**
0.911 mi.
4810 ft. **Site 3 of 3 in cluster X**

Relative:
Higher

Actual:
52 ft.

ENVIROSTOR:
Name: ALLIED SIGNAL SUBSTRATE TECH & INTER
Address: 2955 AIRWAY AVENUE
City,State,Zip: COSTA MESA, CA 92626
Facility ID: 71002508
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: 74

COMMODORE SEMICONDUCTOR SYSTEM (Continued) **U001576790**

Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.66970
Longitude: -117.8769
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD063119796
Alias Type: EPA Identification Number
Alias Name: 71002508
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 07/07/1999
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:
Name: COMMODORE SEMICONDUCTOR SYSTEM
Address: 2955 AIRWAY AVE
City,State,Zip: COSTA MESA, CA 92626
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000064585
Facility Type: Other
Other Type: MANUFACTURING
Contact Name: Not reported
Telephone: 7149796300
Owner Name: COMMODORE INTERNATIONAL LIMITE
Owner Address: 1200 WILLSON DRIVE
Owner City,St,Zip: WESTCHESTER, PA 19380
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported

COMMODORE SEMICONDUCTOR SYSTEM (Continued) **U001576790**

Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	002
Container Num:	2
Year Installed:	1980
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

EMI:

Name:	KNIGHT EQUIPMENT CORP
Address:	2955 AIRWAY AVE
City,State,Zip:	COSTA MESA, CA 92626
Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	58258
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:	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

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COSTA MESA	S120834877	SAKIOKA FARMS (FORMER MOBIL)	0 NW MACARTHUR @ MAIN ST	92626	LUST
NEWPORT BEACH	S121695072	SUNNY FRESH CLEANERS	306 N NEWPORT AVE	92660	DRYCLEANERS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 07/13/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

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

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 07/27/2020
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: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

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

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

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 11/04/2019
Date Data Arrived at EDR: 11/13/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 76

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/24/2020
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: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 78

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
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: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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

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

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

LUST REG 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 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

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

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

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

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

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

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

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

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

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

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

LUST REG 9: Leaking Underground Storage Tank Report

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

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

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

LUST: 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: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
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: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/15/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

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

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

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

Date of Government Version: 08/27/2019
Date Data Arrived at EDR: 08/28/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 75
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/19/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

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

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 71
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Semi-Annually

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

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

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

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/26/2020
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/11/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

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

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

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

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

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

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

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

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

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

Date of Government Version: 12/18/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 62

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/02/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/17/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: No Update Planned

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

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

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

Date of Government Version: 11/15/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 69

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

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

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
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: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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 Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/01/2020
Next Scheduled EDR Contact: 08/10/2020
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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
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: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

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

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

US CDL: Clandestine Drug Labs

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

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

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

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/19/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 60

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
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: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/11/2019
Number of Days to Update: 70

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

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

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

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
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: 03/03/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 07/13/2020
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: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/05/2019
Date Data Arrived at EDR: 12/06/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 70

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/24/2019
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 68

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
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: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 1

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
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: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

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

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

Other Ascertainable Records

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

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

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 01/28/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
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: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

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

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/20/2020
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: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

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

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

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

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 08/31/2020
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: 05/01/2019
Date Data Arrived at EDR: 10/23/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 06/15/2020
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: 11/05/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 149

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

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

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/06/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 8

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

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

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/06/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/17/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
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: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/31/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/11/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/22/2020
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/07/2020
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: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/11/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 78

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/05/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/22/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 03/02/2020
Number of Days to Update: 89

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/05/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/07/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/19/2020
Next Scheduled EDR Contact: 08/31/2020
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: 12/18/2019
Date Data Arrived at EDR: 12/20/2019
Date Made Active in Reports: 02/20/2020
Number of Days to Update: 62
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 02/04/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 65
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
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: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 12/04/2019
Date Data Arrived at EDR: 01/29/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 71

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 69

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 01/31/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 69

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 06/29/2020
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: 04/03/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 8

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 02/19/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/24/2020
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: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/06/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 07/20/2020
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: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 02/12/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 72

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
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: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 72

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 03/12/2020
Date Data Arrived at EDR: 03/13/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 69

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
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: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

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

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
The Hazardous Waste Tracking System (HWTS) is the Department of Toxic Substances Control?s data repository for hazardous waste Identification (ID) numbers and manifest information. HWTS generates reports on hazardous waste shipments for generators, transporters, and TSDFs.

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 01/06/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 51

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 63

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/14/2020
Date Data Arrived at EDR: 02/18/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 66

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 12/27/2019
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/03/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 62

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/08/2019
Date Data Arrived at EDR: 10/10/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 62

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/13/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 70

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 67

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/14/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 70

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 01/15/2020
Date Data Arrived at EDR: 01/16/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 76

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/13/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 01/31/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 69

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/15/2020
Date Data Arrived at EDR: 01/16/2020
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 22

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/13/2020
Date Data Arrived at EDR: 01/14/2020
Date Made Active in Reports: 03/24/2020
Number of Days to Update: 70

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/14/2020
Date Made Active in Reports: 03/24/2020
Number of Days to Update: 70
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 72
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29
Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 44

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/21/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 69

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 11/06/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/13/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/05/2020
Date Data Arrived at EDR: 02/06/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 69

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/04/2020
Date Made Active in Reports: 04/10/2020
Number of Days to Update: 66

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/05/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 03/10/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 70

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 03/10/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 70

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/14/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/20/2020
Number of Days to Update: 59

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/14/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 60

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 02/12/2020
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/23/2020
Number of Days to Update: 70

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 02/25/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 71

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 12/26/2019
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 01/08/2020
Date Data Arrived at EDR: 01/09/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 57

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 02/20/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/05/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/14/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 04/22/2020
Date Data Arrived at EDR: 04/24/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 13

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/26/2020
Next Scheduled EDR Contact: 09/13/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/04/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 71

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 02/25/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 03/11/2020
Number of Days to Update: 14

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/03/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 62

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/04/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 01/23/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/08/2020
Number of Days to Update: 66

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 03/16/2020
Date Data Arrived at EDR: 03/17/2020
Date Made Active in Reports: 05/26/2020
Number of Days to Update: 70

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 67

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/26/2019
Date Data Arrived at EDR: 01/24/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 68

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/26/2019
Date Data Arrived at EDR: 01/24/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 68

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 71

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/12/2019
Date Data Arrived at EDR: 01/15/2020
Date Made Active in Reports: 03/25/2020
Number of Days to Update: 70

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/23/2020
Number of Days to Update: 71

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
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: 01/30/2020
Date Data Arrived at EDR: 01/30/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 39

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/09/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LOTS 1, 3 AND 5 AT KOLL CENTER NEWPORT
4910 BIRCH STREET
NEWPORT BEACH, CA 92660

TARGET PROPERTY COORDINATES

Latitude (North):	33.665862 - 33° 39' 57.10''
Longitude (West):	117.860129 - 117° 51' 36.46''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	420256.3
UTM Y (Meters):	3725247.0
Elevation:	52 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640942 TUSTIN, CA
Version Date:	2012
West Map:	5640950 NEWPORT BEACH, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

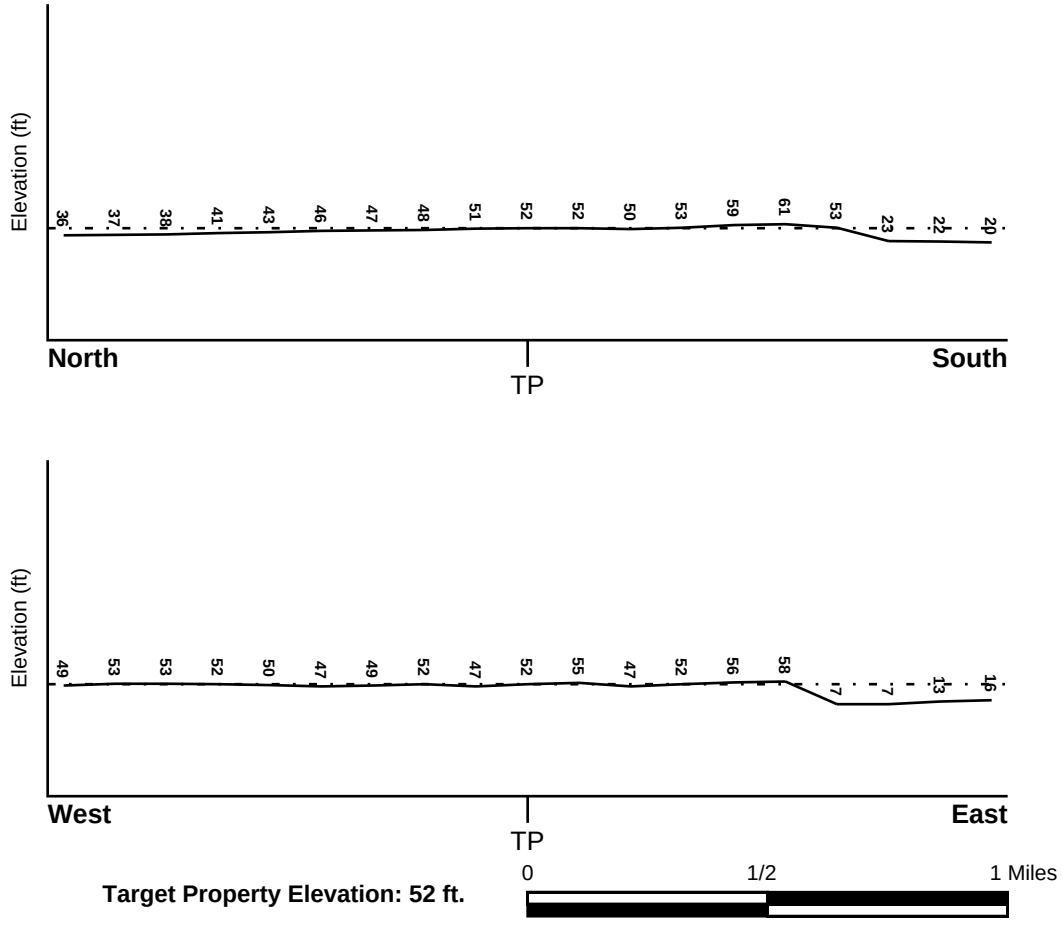
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 52 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06059C0286J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06059C0267J	FEMA FIRM Flood data
06059C0287J	FEMA FIRM Flood data
06059C0288J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
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 Miles NW
Site Name:	Western Digital Corporation
Site EPA ID Number:	CAD051983567
Surficial Aquifer Flow Dir.:	South
Measured Depth to Water:	35.5 feet.
Hydraulic Connection:	Aquifers underlying the site are hydraulically connected.
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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/4 - 1/2 Mile NW	WSW
2	1/4 - 1/2 Mile SSW	WNW
3	1/4 - 1/2 Mile West	W
5	1/2 - 1 Mile WNW	E
6	1/2 - 1 Mile NW	WNW
7	1/2 - 1 Mile WSW	SSE
8	1/2 - 1 Mile NE	E
9	1/2 - 1 Mile WSW	Not Reported
11	1/2 - 1 Mile NE	NNW
1G	1/2 - 1 Mile NE	E
2G	1/2 - 1 Mile NE	NNW
3G	1/2 - 1 Mile NW	WNW
4G	1/2 - 1 Mile WNW	E
5G	1/4 - 1/2 Mile NW	WSW
6G	1/4 - 1/2 Mile West	W
7G	1/2 - 1 Mile WSW	Not Reported
8G	1/4 - 1/2 Mile SSW	WNW
9G	1/2 - 1 Mile WSW	SSE

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

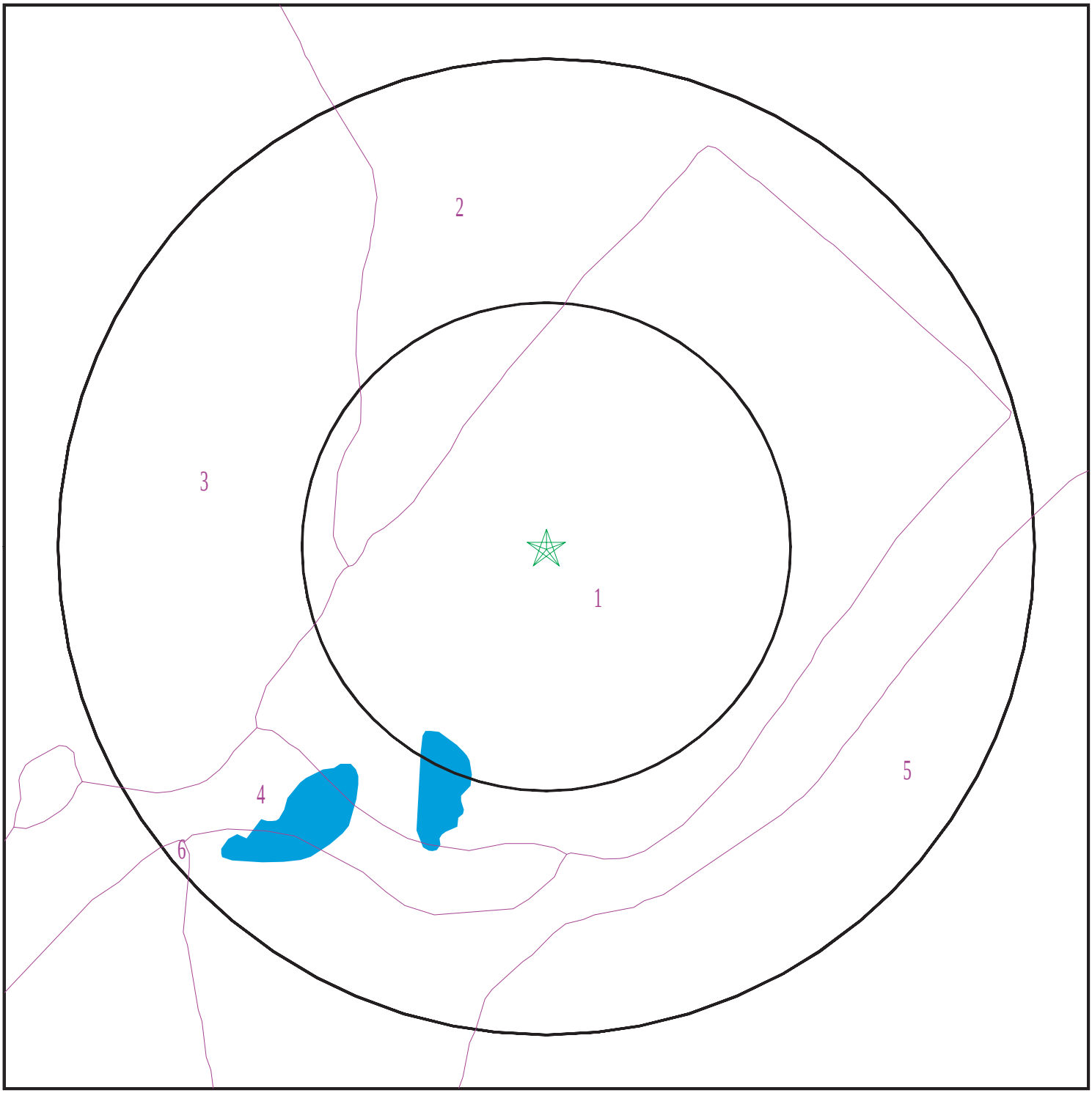
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6075412.2s



SITE NAME:	Lots 1, 3 and 5 At Koll Center Newport	CLIENT:	Env. Management Strategies
ADDRESS:	4910 Birch Street Newport Beach CA 92660	CONTACT:	Ashley Flores
		INQUIRY #:	6075412.2s
LAT/LONG:	33.665862 / 117.860129	DATE:	May 28, 2020 7:54 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: XERALFIC ARENTS

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
2	11 inches	18 inches	sandy clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
3	18 inches	27 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
4	27 inches	70 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 3

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1
2	22 inches	27 inches	sandy clay	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1
3	27 inches	38 inches	sandy clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1
4	38 inches	70 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1
5	70 inches	79 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 4

Soil Component Name: XERALFIC ARENTS

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: ALO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	25 inches	clay	Not reported	Not reported	Max: Min:	Max: Min:
2	25 inches	29 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 6

Soil Component Name: PITS

Soil Surface Texture: extremely gravelly coarse sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	5 inches	extremely gravelly coarse sand	Not reported	Not reported	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	extremely gravelly sand	Not reported	Not reported	Max: 141 Min: 42	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
10	USGS40000136471	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

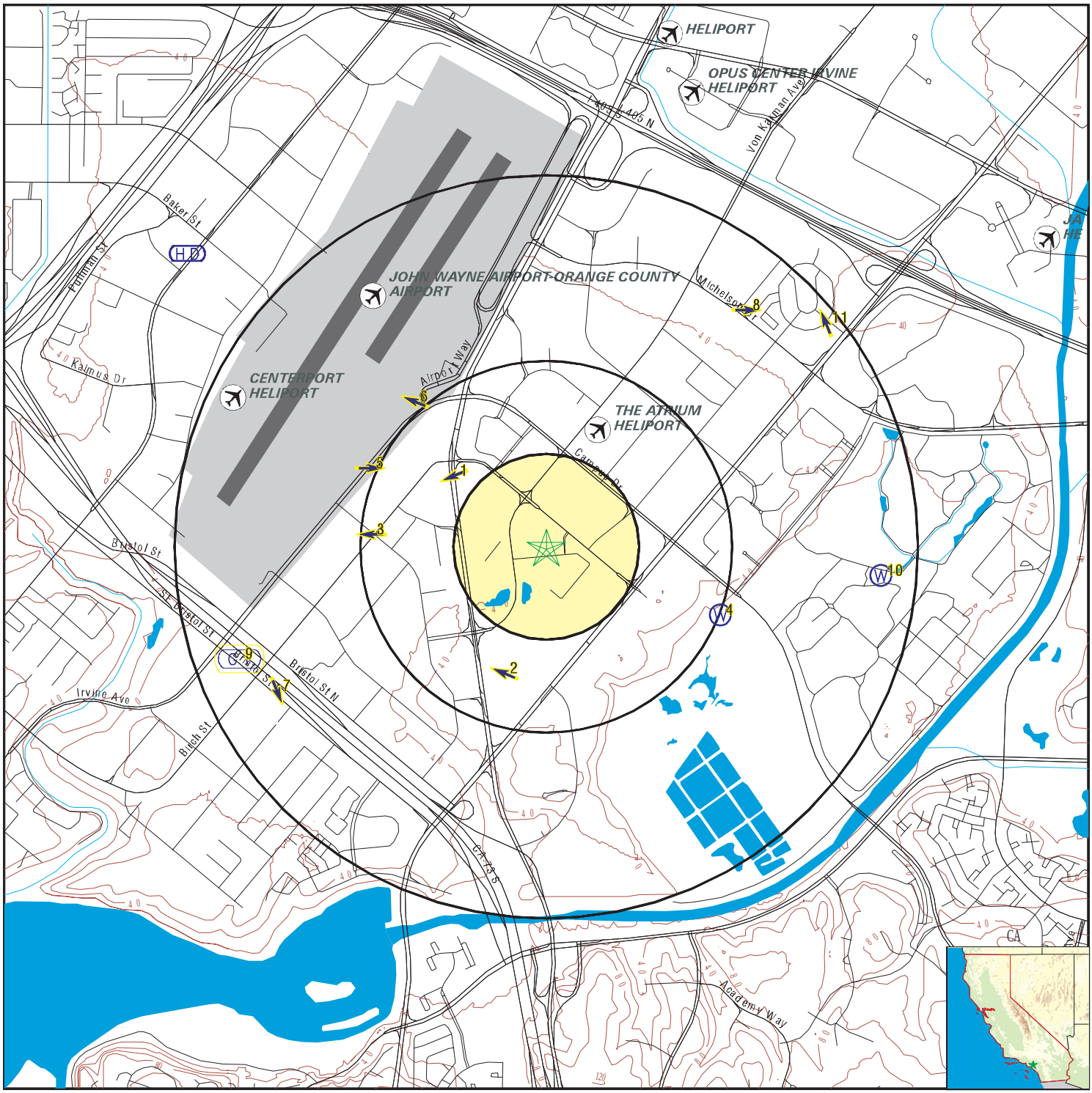
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	CADWR8000004736	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 6075412.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Lots 1, 3 and 5 At Koll Center Newport	CLIENT:	Env. Management Strategies
ADDRESS:	4910 Birch Street Newport Beach CA 92660	CONTACT:	Ashley Flores
LAT/LONG:	33.665862 / 117.860129	INQUIRY #:	6075412.2s
		DATE:	May 28, 2020 7:54 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
1 **NW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002982T WSW 8.58 8.95 Not Reported 11/03/1997	**AQUIFLOW**	**51934**
2 **SSW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001618T WNW 20.23 21.57 Not Reported 07/1995	**AQUIFLOW**	**33990**
3 **West** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001459T W 22 24 Not Reported 12/21/1998	**AQUIFLOW**	**34293**
4 **ESE** **1/2 - 1 Mile** **Lower**			**CA WELLS**	**CADWR8000004736**

State Well #: 06S09W07J001S
Station ID: 27752
Well Name: Not Reported
Well Use: Unknown
Well Type: Unknown
Well Depth: 0
Basin Name: Coastal Plain Of Orange County
Well Completion Rpt #: Not Reported

5 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000403T E 21.9 24.2 Not Reported 12/1997	**AQUIFLOW**	**66483**
6 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000209T WNW Not Reported Not Reported 33 05/09/1994	**AQUIFLOW**	**33998**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
7 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002744T SSE 29.07 31.64 Not Reported 02/24/1997	**AQUIFLOW**	**52081**
8 **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001737T E 10 20 Not Reported 10/04/1996	**AQUIFLOW**	**34269**
9 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002060T Not Reported 27 32 Not Reported 06/30/1998	**AQUIFLOW**	**38903**
10 **East** **1/2 - 1 Mile** **Lower**			**FED USGS**	**USGS40000136471**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006S009W08F001S	Type:	Well
Description:	Not Reported	HUC:	18070204
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

11 **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001464T NNW 0.95 22.90 Not Reported 07/17/1998	**AQUIFLOW**	**49781**
1G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001737T E 10 20 Not Reported 10/04/1996	**AQUIFLOW**	**34269**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
2G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001464T NNW 0.95 22.90 Not Reported 07/17/1998	**AQUIFLOW**	**49781**
3G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000209T WNW Not Reported Not Reported 33 05/09/1994	**AQUIFLOW**	**33998**
4G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000403T E 21.9 24.2 Not Reported 12/1997	**AQUIFLOW**	**66483**
5G **NW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002982T WSW 8.58 8.95 Not Reported 11/03/1997	**AQUIFLOW**	**51934**
6G **West** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001459T W 22 24 Not Reported 12/21/1998	**AQUIFLOW**	**34293**
7G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002060T Not Reported 27 32 Not Reported 06/30/1998	**AQUIFLOW**	**38903**
8G **SSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001618T WNW 20.23 21.57 Not Reported 07/1995	**AQUIFLOW**	**33990**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
9G **WSW** **1/2 - 1 Mile** **Lower**	Site ID:	083002744T	**AQUIFLOW**	**52081**
	Groundwater Flow:	SSE		
	Shallow Water Depth:	29.07		
	Deep Water Depth:	31.64		
	Average Water Depth:	Not Reported		
	Date:	02/24/1997		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92660	57	0

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

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: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C

EDR ENVIRONMENTAL LIEN AND AUL SEARCH

Lots 1, 3 and 5 At Koll Center Newport
4910 Birch Street
Newport Beach, CA 92660

Inquiry Number: 6075412.7
May 28, 2020

EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

4910 Birch Street
Lots 1, 3 and 5 At Koll Center Newport
Newport Beach, CA 92660

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

Orange County Clerk
Orange, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Grant Deed
Title is vested in:	SLF-KC TOWERS LLC
Title received from:	KCN A MANAGEMENT LLC
Deed Dated	1/17/2018
Deed Recorded:	1/31/2018
Book:	NA
Page:	NA
Volume:	NA
Instrument:	2018000034592
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	SLF-KC TOWERS LLC
Parcel # / Property Identifier:	445-131-29
Comments:	See Exhibit

Deed Exhibit 1

Recording Requested By:
First American Title Company
National Homebuilder Services
Subdivision Department

Recorded in Official Records, Orange County
Hugh Nguyen, Clerk-Recorder

15.00

* $ R 0 0 0 9 8 6 1 0 0 6 $ *

2018000034592 8:00 am 01/31/18

90 SC5 G02 4 07

5362.50 5362.50 0.00 0.00 9.00 0.00 0.000.00 0.00

RECORDING REQUESTED BY
AND WHEN RECORDED MAIL
THIS GRANT DEED AND ALL
TAX STATEMENTS TO:

Gromet & Associates
114 Pacifica, Suite 250
Irvine, California 92618
Attn: Stevan J. Gromet, Esq.
4492434 - MW

APN: 445-131-29
TRA: 07-088

(Above Space for Recorder's Use Only)

GRANT DEED

THE UNDERSIGNED GRANTOR DECLARES:
Documentary transfer tax is $ 10,725 —
(X) Computed on full value of property conveyed, or
( ) Computed on full value, less value of liens and encumbrances remaining at time of sale.
(X) City of Newport Beach

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, KCN A MANAGEMENT, LLC, a Delaware limited liability company, hereby GRANTS to SLF – KC TOWERS, LLC, a Delaware limited liability company, the following described real property (the "Property") located in the City of Newport Beach, County of Orange, State of California:

SEE SCHEDULE "1" ATTACHED HERETO AND INCORPORATED HEREIN BY THIS REFERENCE

SUBJECT TO:

(1) All covenants, conditions, restrictions, easements and encumbrances of record, including the Declaration of Covenants, Conditions and Restrictions for Koll Center Newport recorded in the Official Records of Orange County, California on July 20, 1973 in Book 10811, Page 683 (as amended).

(2) All non-delinquent real property taxes and assessments.

Exempt from fee per GC 27388.1 (a) (2); recorded concurrently "in connection with" a transfer subject to the imposition of documentary transfer tax (DTT).

Recording Requested By:
First American Title Company
Homebuilder Services Division
Subdivision Department

1170031.03/OC
215083-00008/1-17-18//mlm

IN WITNESS WHEREOF, Grantor has caused this Grant Deed to be executed as of the 17 day of January, 2018.

KCN A MANAGEMENT, LLC, a Delaware limited liability company

By: Koll LLC/Partnership Holding Company LLC, a Delaware limited liability company
Its: sole member

By: _____
Print Name: Gerald O. Yuhr
Print Title: President

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Orange)

On January 17, 2018, before me, Suzanne R. Knipe (insert name of notary),
Notary Public, personally appeared Gerald O. Yahr,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Suzanne R. Knipe (Seal)

SUZANNE R. KNIPE
Notary Public - California
Orange County
Commission # 2209835
My Comm. Expires Sep 9, 2021

Schedule 1
Legal Description

Real property in the City of Newport Beach, County of Orange, State of California, described as follows:

THAT CERTAIN PARCEL OF LAND SITUATED IN THE CITY OF NEWPORT BEACH, COUNTY OF ORANGE, STATE OF CALIFORNIA, BEING THAT PORTION OF PARCEL 2 OF PARCEL MAP NO. 91- 155 AS SHOWN ON A MAP THEREOF, FILED IN BOOK 266, PAGES 16 THROUGH 22 OF PARCEL MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID ORANGE COUNTY, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEASTERLY CORNER OF SAID PARCEL 2 OF PARCEL MAP NO. 91- 155; THENCE ALONG THE NORTHEASTERLY LINE THEREOF NORTH 49°21'34" WEST 228.72 FEET TO THE TRUE POINT OF BEGINNING; THENCE LEAVING SAID NORTHEASTERLY LINE SOUTH 40°38'26" WEST 51.75 FEET; THENCE NORTH 88°48'20" WEST 404.94 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE SOUTHEASTERLY AND HAVING A RADIUS OF 50.00 FEET; THENCE ALONG SAID CURVE WESTERLY AND SOUTHWESTERLY 38.06 FEET THROUGH A CENTRAL ANGLE OF 43°36'58"; THENCE TANGENT FROM SAID CURVE SOUTH 47°34'42" WEST 102.71 FEET; THENCE SOUTH 40°38'26" WEST 172.36 FEET; THENCE NORTH 49°05'59" WEST 257.91 FEET; THENCE SOUTH 83°00'29" WEST 117.68 FEET TO A LINE PARALLEL WITH AND 1.00 FEET EASTERLY OF THE EASTERLY RIGHT-OF-WAY LINE OF VON KARMAN AVENUE AS SHOWN ON SAID PARCEL MAP; THENCE ALONG SAID PARALLEL LINE NORTH 06°59'31" WEST 241.17 FEET; THENCE NORTH 83°00'29" EAST 131.97 FEET TO THE SOUTHWESTERLY LINE OF THAT CERTAIN PARCEL LABELED N.A.P. OF SAID PARCEL MAP NO. 91-155 HAVING A BEARING AND DISTANCE OF "NORTH 49°21'34" WEST 204.00 FEET"; THENCE ALONG SAID SOUTHWESTERLY LINE AND SOUTHEASTERLY LINE OF SAID N.A.P PARCEL AND ITS NORTHERLY PROLONGATION THROUGH THE FOLLOWING COURSES: SOUTH 49°21'34" EAST 90.00 FEET; THENCE NORTH 40°38'26" EAST 156.94 FEET TO THE SOUTHWESTERLY LINE OF THAT CERTAIN PARCEL LABELED N.A.P. OF SAID PARCEL MAP NO. 91-155 HAVING A BEARING AND DISTANCE OF "NORTH 49°21'34" EAST 204.44 FEET"; THENCE ALONG SAID SOUTHWESTERLY LINE AND THE SOUTHEASTERLY AND NORTHEASTERLY LINES OF SAID N.A.P. PARCEL THROUGH THE FOLLOWING COURSES: SOUTH 49°21'34" EAST 166.34 FEET; THENCE NORTH 40°38'26" EAST 136.96 FEET; THENCE NORTH 49°21'34" WEST 88.28 FEET; THENCE LEAVING SAID NORTHEASTERLY LINE OF SAID N.A.P. PARCEL NORTH 40°38'26" EAST 147.77 FEET TO SAID NORTHEASTERLY LINE OF PARCEL 2; THENCE ALONG SAID NORTHEASTERLY LINE SOUTH 49°21'34" EAST 601.38 FEET TO THE TRUE POINT OF BEGINNING.

ALSO KNOWN AS PARCEL 1 OF LOT LINE ADJUSTMENT LA2013-007 RECORDED NOVEMBER 27, 2013 AS INSTRUMENT NO. 2013000649418 OF OFFICIAL RECORDS IN THE OFFICE OF SAID COUNTY RECORDER.

APN: 445-131-29

APPENDIX D

EDR PROPERTY TAX MAP REPORT

Lots 1, 3 and 5 At Koll Center Newport
4910 Birch Street
Newport Beach, CA 92660

Inquiry Number: 6075412.6
May 27, 2020

The EDR Property Tax Map Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

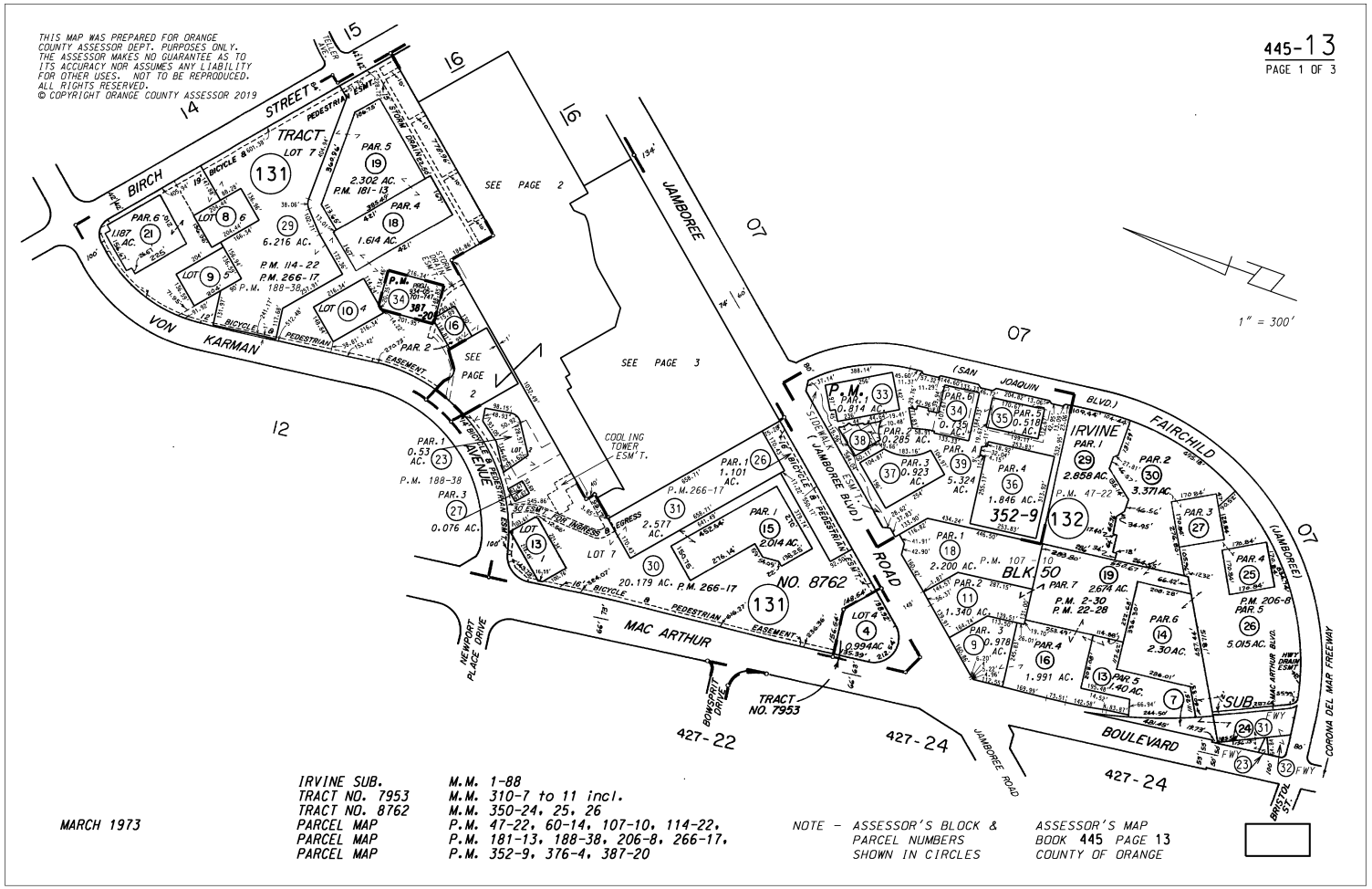
Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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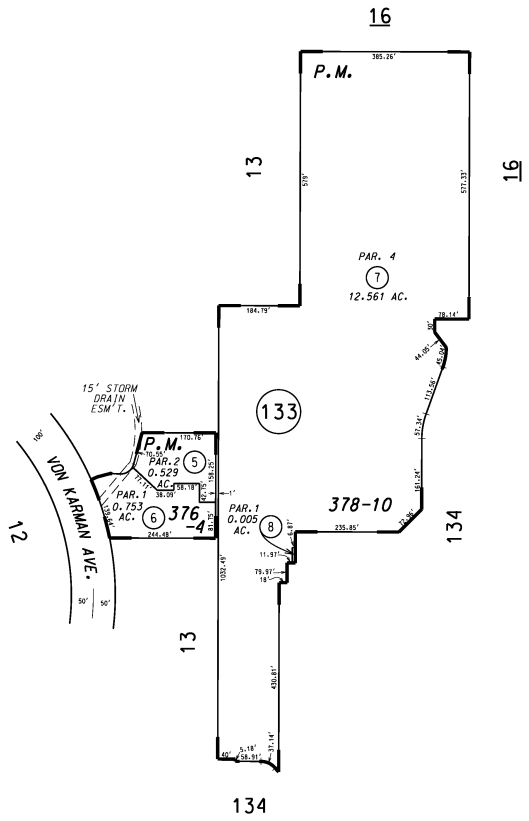
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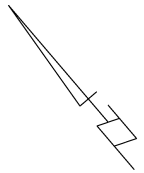
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445-13
PAGE 1 OF 3
1" = 300'
BIRCH STREET
VON KARMAN AVENUE
JAMBOREE ROAD
MAC ARTHUR BOULEVARD
FAIRCHILD (JAMBOREE)
IRVINE BLVD.)
SAN JOAQUIN
NEWPORT PLACE DRIVE
BONSPORT DRIVE
BRISTOL ST.
CORONA DEL MAR FREEWAY
SEE PAGE 2
SEE PAGE 3
TRACT NO. 7953
TRACT NO. 8762
P.M. 181-13
P.M. 114-22
P.M. 266-17
P.M. 188-38
P.M. 352-9
P.M. 47-22
P.M. 107-10
P.M. 2-30
P.M. 22-28
P.M. 206-8
352-9
BLK 50
427-22
427-24
IRVINE SUB. M.M. 1-88
TRACT NO. 7953 M.M. 310-7 to 11 incl.
TRACT NO. 8762 M.M. 350-24, 25, 26
PARCEL MAP P.M. 47-22, 60-14, 107-10, 114-22,
PARCEL MAP P.M. 181-13, 188-38, 206-8, 266-17,
PARCEL MAP P.M. 352-9, 376-4, 387-20
MARCH 1973
NOTE - ASSESSOR'S BLOCK & PARCEL NUMBERS SHOWN IN CIRCLES
ASSESSOR'S MAP BOOK 445 PAGE 13 COUNTY OF ORANGE

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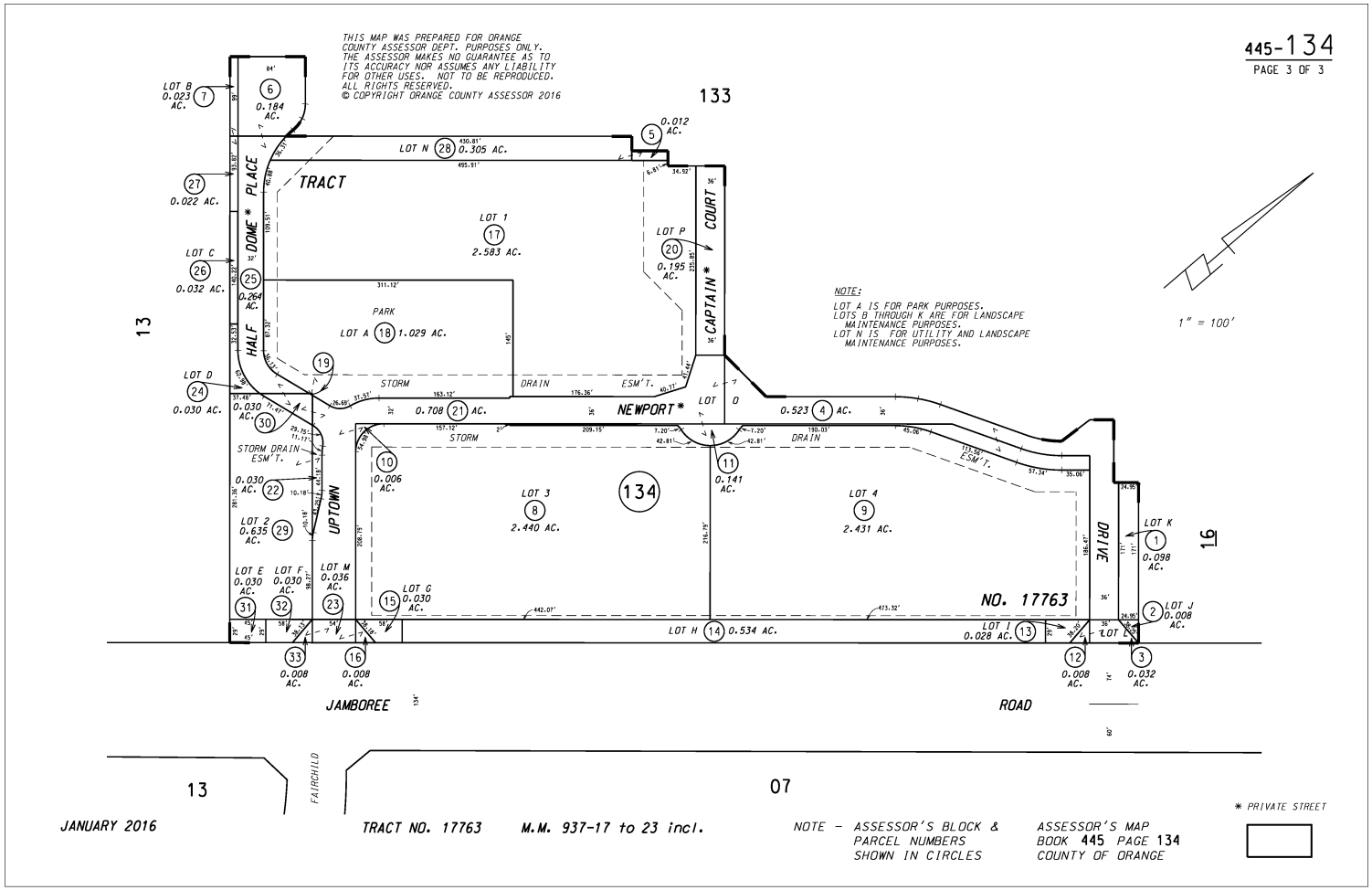




JANUARY 2015 PARCEL MAP P.M. 376-4, 378-10

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

ASSESSOR'S MAP BOOK 445 PAGE 133 COUNTY OF ORANGE


445-134
PAGE 3 OF 3
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133
TRACT
DOME * PLACE
CAPTAIN * COURT
HALF
UPTOWN
NEWPORT *
DRIVE
PARK
LOT A 18 1.029 AC.
LOT 1 17 2.583 AC.
LOT N 28 0.305 AC.
LOT P 20 0.195 AC.
LOT O
0.708 21 AC.
0.523 4 AC.
0.012 AC. 5
0.184 AC. 6
LOT B 0.023 AC. 7
0.022 AC. 27
LOT C 0.032 AC. 26
0.264 AC. 25
LOT D 0.030 AC. 24
0.030 AC. 30
0.030 AC. 22
LOT 2 0.635 AC. 29
LOT E 0.030 AC. 31
LOT F 0.030 AC. 32
LOT M 0.036 AC. 23
LOT G 0.030 AC. 15
0.006 AC. 10
0.141 AC. 11
LOT 3 8 2.440 AC.
134
LOT 4 9 2.431 AC.
LOT K 1 0.098 AC.
LOT J 2 0.008 AC.
LOT L 3 0.032 AC.
LOT I 0.028 AC. 13
LOT H 14 0.534 AC.
0.008 AC. 33
0.008 AC. 16
0.008 AC. 12
NO. 17763
STORM DRAIN ESM'T.
STORM DRAIN
DRAIN ESM'T.
NOTE:
LOT A IS FOR PARK PURPOSES.
LOTS B THROUGH K ARE FOR LANDSCAPE MAINTENANCE PURPOSES.
LOT N IS FOR UTILITY AND LANDSCAPE MAINTENANCE PURPOSES.
1" = 100'
13
16
JAMBOREE
ROAD
FAIRCHILD
13
07
* PRIVATE STREET
JANUARY 2016
TRACT NO. 17763
M.M. 937-17 to 23 incl.
NOTE - ASSESSOR'S BLOCK & PARCEL NUMBERS SHOWN IN CIRCLES
ASSESSOR'S MAP BOOK 445 PAGE 134 COUNTY OF ORANGE

APPENDIX E

CERTIFIED SANBORN® MAP REPORT

Lots 1, 3 and 5 At Koll Center Newport

4910 Birch Street

Newport Beach, CA 92660

Inquiry Number: 6075412.3

May 27, 2020

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

05/27/20

Site Name:

Lots 1, 3 and 5 At Koll Center N
4910 Birch Street
Newport Beach, CA 92660
EDR Inquiry # 6075412.3

Client Name:

Env. Management Strategies
8 Goodyear Suite 125
Irvine, CA 92618
Contact: Ashley Flores

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Env. Management Strategies were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # AC69-4DE6-A64E

PO # EMS542

Project Koll Center Newport

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: AC69-4DE6-A64E

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX F

EDR HISTORICAL TOPOGRAPHIC MAP REPORT

Lots 1, 3 and 5 At Koll Center Newport
4910 Birch Street
Newport Beach, CA 92660

Inquiry Number: 6075412.4
May 27, 2020

EDR Historical Topo Map Report
with QuadMatch™

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

EDR Historical Topo Map Report

05/27/20

Site Name:

Lots 1, 3 and 5 At Koll Center N
4910 Birch Street
Newport Beach, CA 92660
EDR Inquiry # 6075412.4

Client Name:

Env. Management Strategies
8 Goodyear Suite 125
Irvine, CA 92618
Contact: Ashley Flores

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Env. Management Strategies were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# EMS542

Project: Koll Center Newport

Coordinates:

Latitude:	33.665862 33° 39' 57" North
Longitude:	-117.860129 -117° 51' 36" West
UTM Zone:	Zone 11 North
UTM X Meters:	420258.13
UTM Y Meters:	3725440.24
Elevation:	52.00' above sea level

Maps Provided:

2012	1932
1981	1902
1972	1901
1965	1896
1950, 1951	
1948, 1949	
1942	
1935	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Newport Beach
2012
7.5-minute, 24000

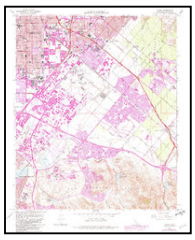


Tustin
2012
7.5-minute, 24000

1981 Source Sheets



Newport Beach
1981
7.5-minute, 24000
Aerial Photo Revised 1978



Tustin
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets

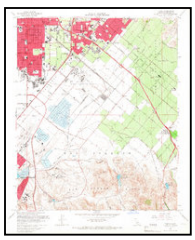


Tustin
1972
7.5-minute, 24000
Aerial Photo Revised 1972

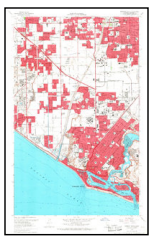


Newport Beach
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1965 Source Sheets



Tustin
1965
7.5-minute, 24000
Aerial Photo Revised 1963



Newport Beach
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, 1951 Source Sheets

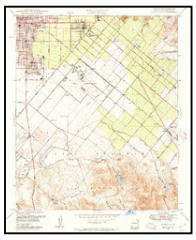


Tustin
1950
7.5-minute, 24000
Aerial Photo Revised 1946



Newport Beach
1951
7.5-minute, 24000
Aerial Photo Revised 1947

1948, 1949 Source Sheets



Tustin
1948
7.5-minute, 24000
Aerial Photo Revised 1946



Newport Beach
1949
7.5-minute, 24000
Aerial Photo Revised 1947

1942 Source Sheets



SANTA ANA
1942
15-minute, 50000

1935 Source Sheets



Newport Beach
1935
7.5-minute, 31680



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



Newport Beach
1932
7.5-minute, 31680



Tustin
1932
7.5-minute, 31680

1902 Source Sheets



Corona
1902
30-minute, 125000

1901 Source Sheets



Santa Ana
1901
15-minute, 62500

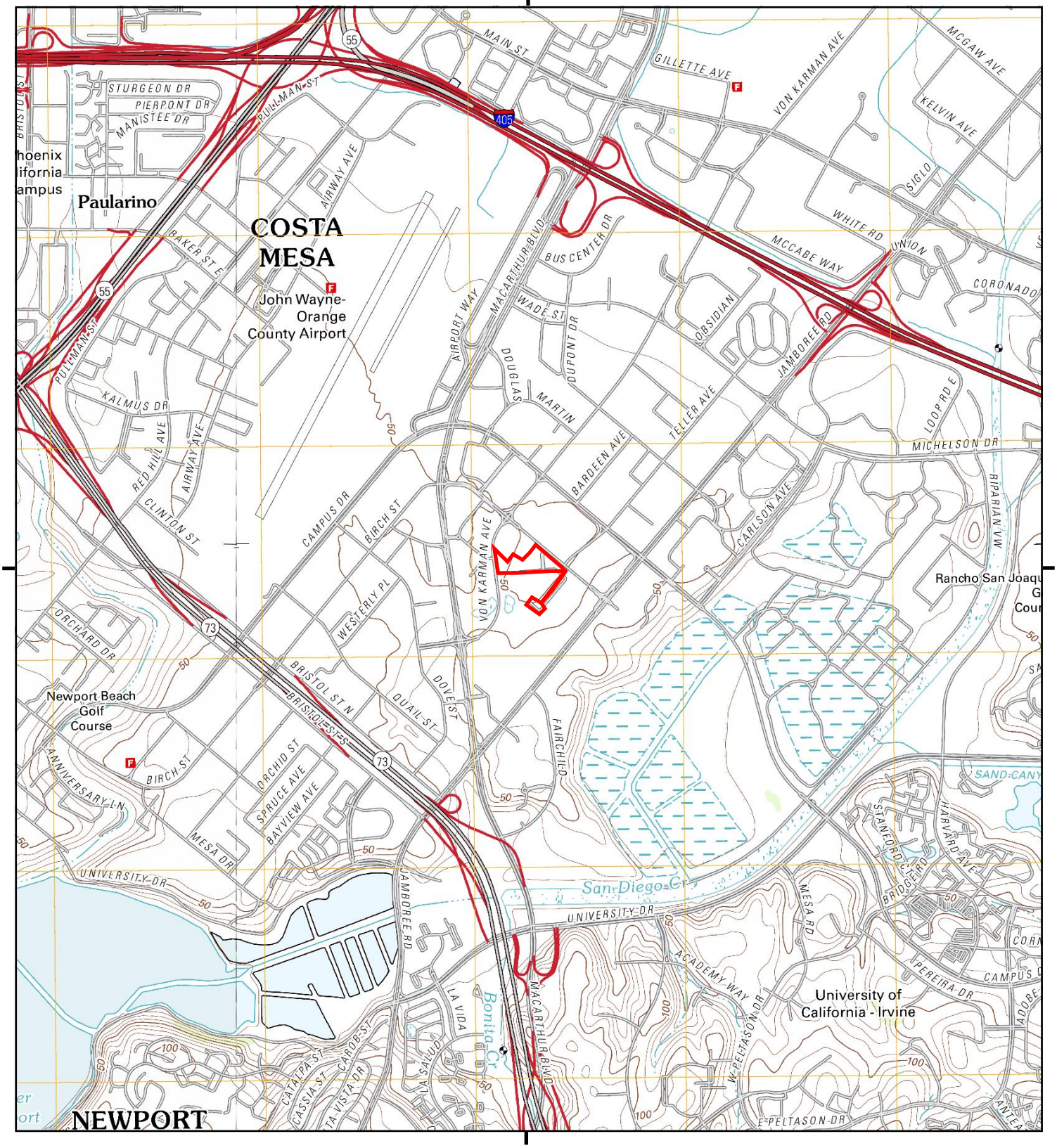
1896 Source Sheets



Santa Ana
1896
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

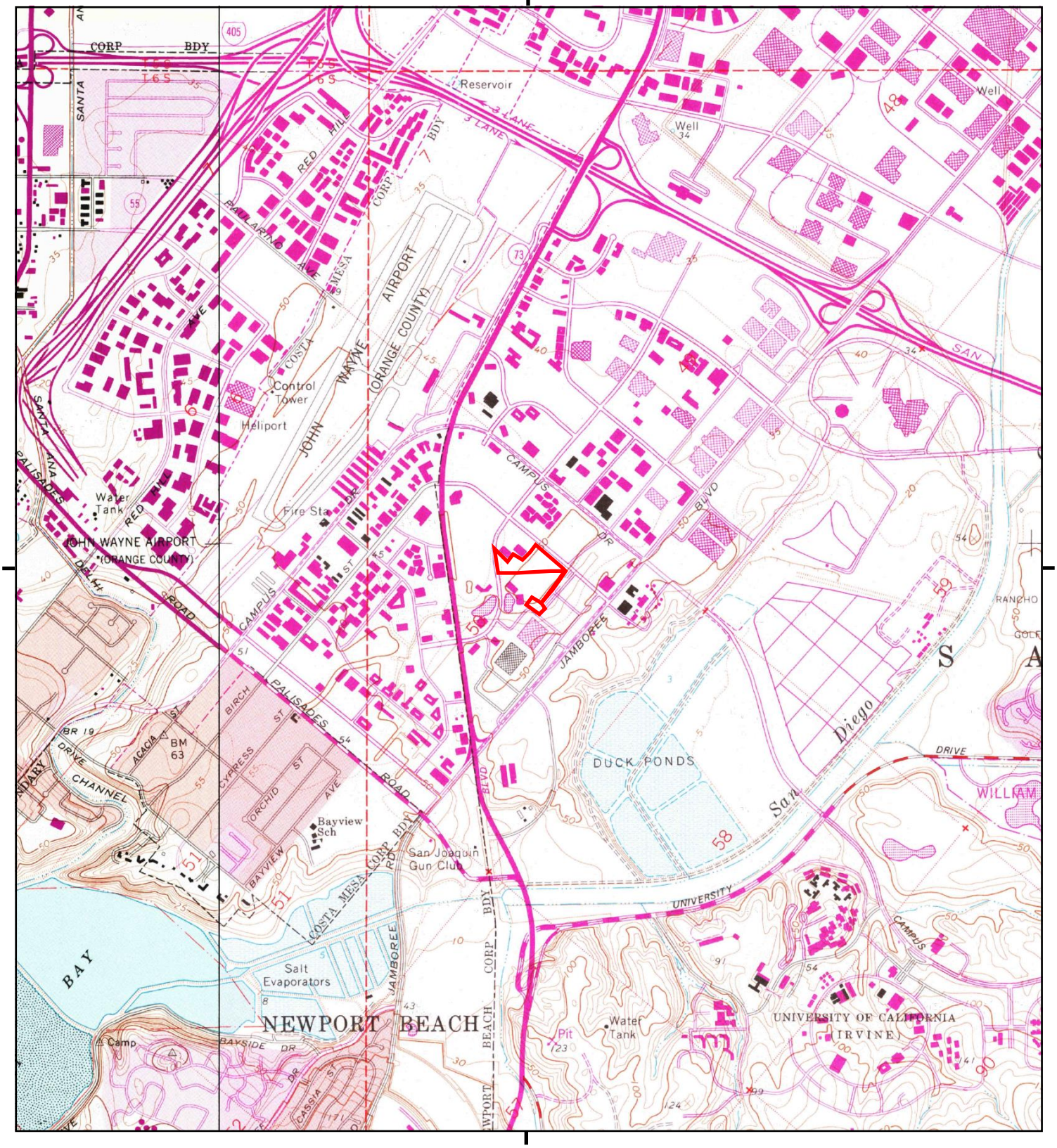
TP, Tustin, 2012, 7.5-minute
W, Newport Beach, 2012, 7.5-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N

Historical Topo Map

1981



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

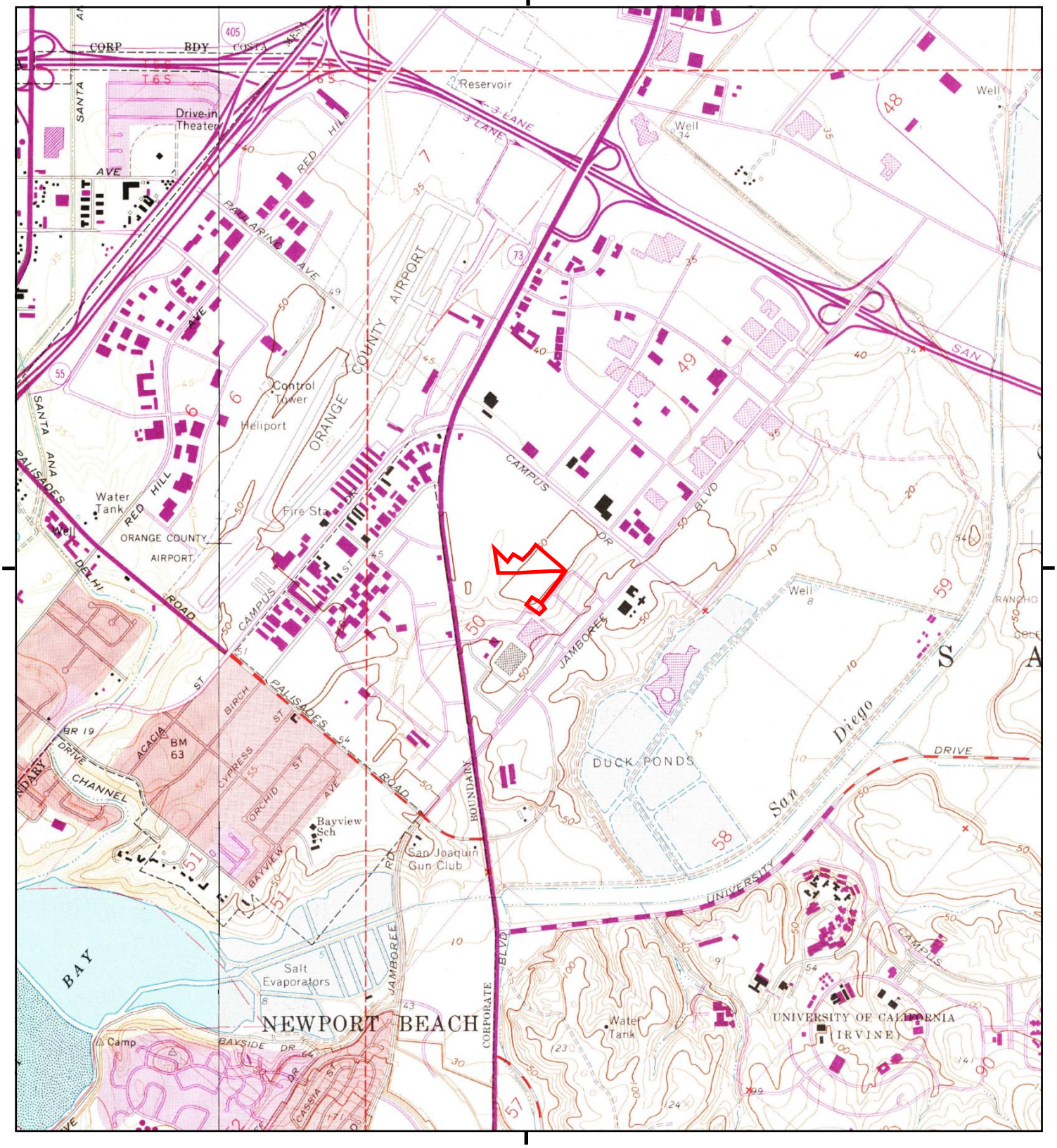
TP, Tustin, 1981, 7.5-minute
W, Newport Beach, 1981, 7.5-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N

Historical Topo Map

1972



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

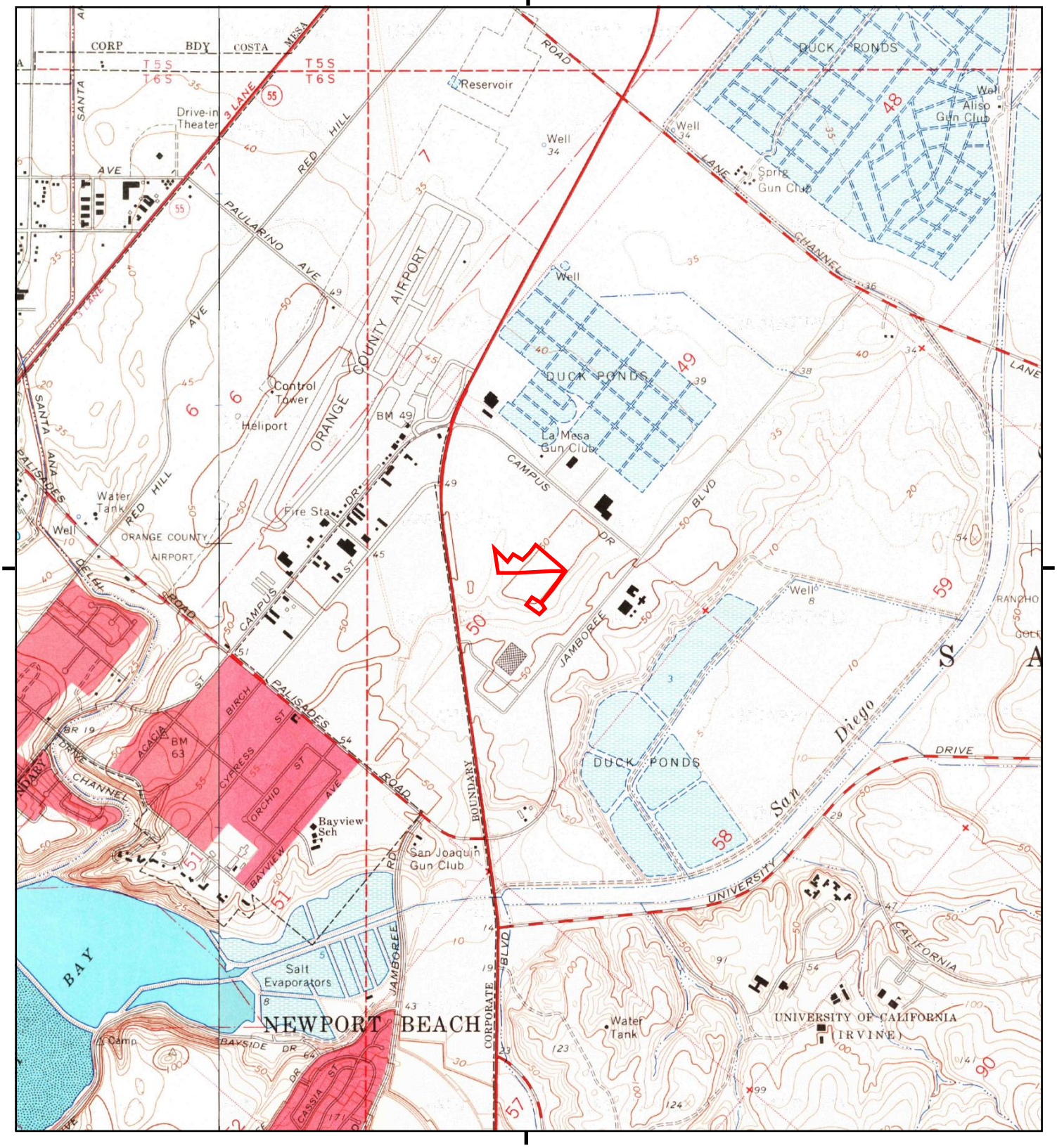
TP, Tustin, 1972, 7.5-minute
W, Newport Beach, 1972, 7.5-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N

Historical Topo Map

1965



This report includes information from the following map sheet(s).

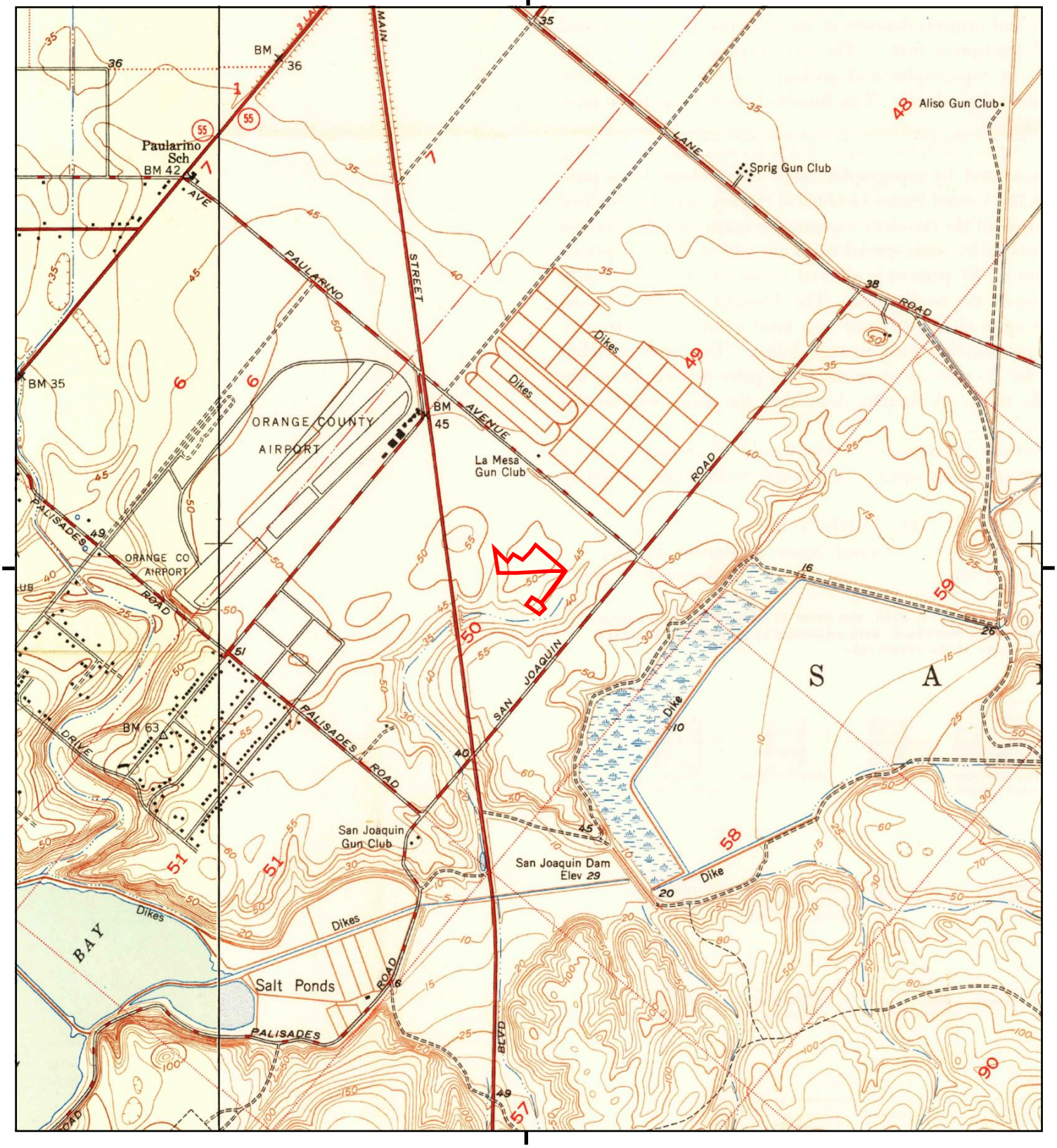
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1965, 7.5-minute
W, Newport Beach, 1965, 7.5-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N



This report includes information from the following map sheet(s).

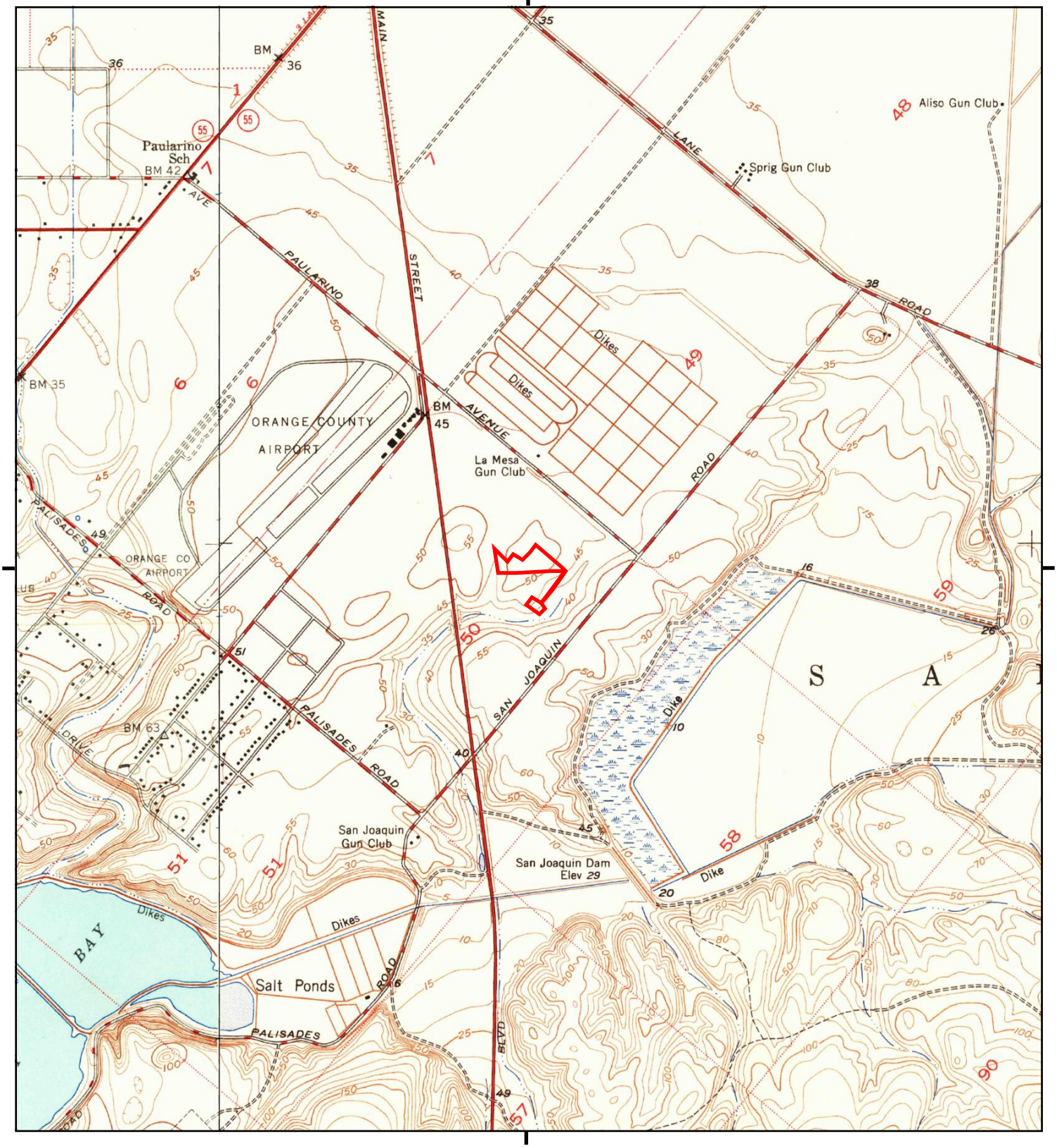
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1950, 7.5-minute
W, Newport Beach, 1951, 7.5-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N



This report includes information from the following map sheet(s).

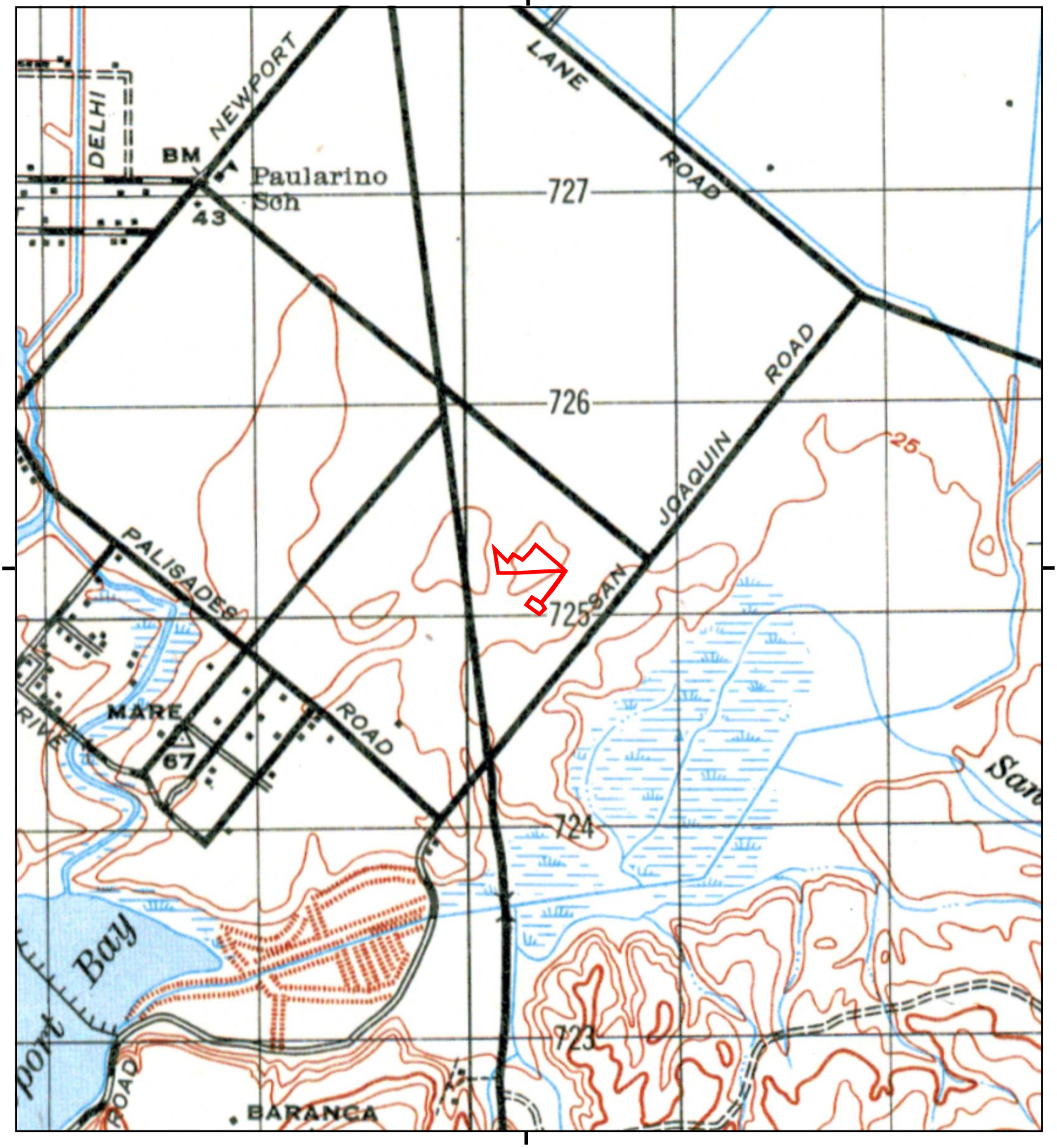
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1948, 7.5-minute
W, Newport Beach, 1949, 7.5-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N



This report includes information from the following map sheet(s).

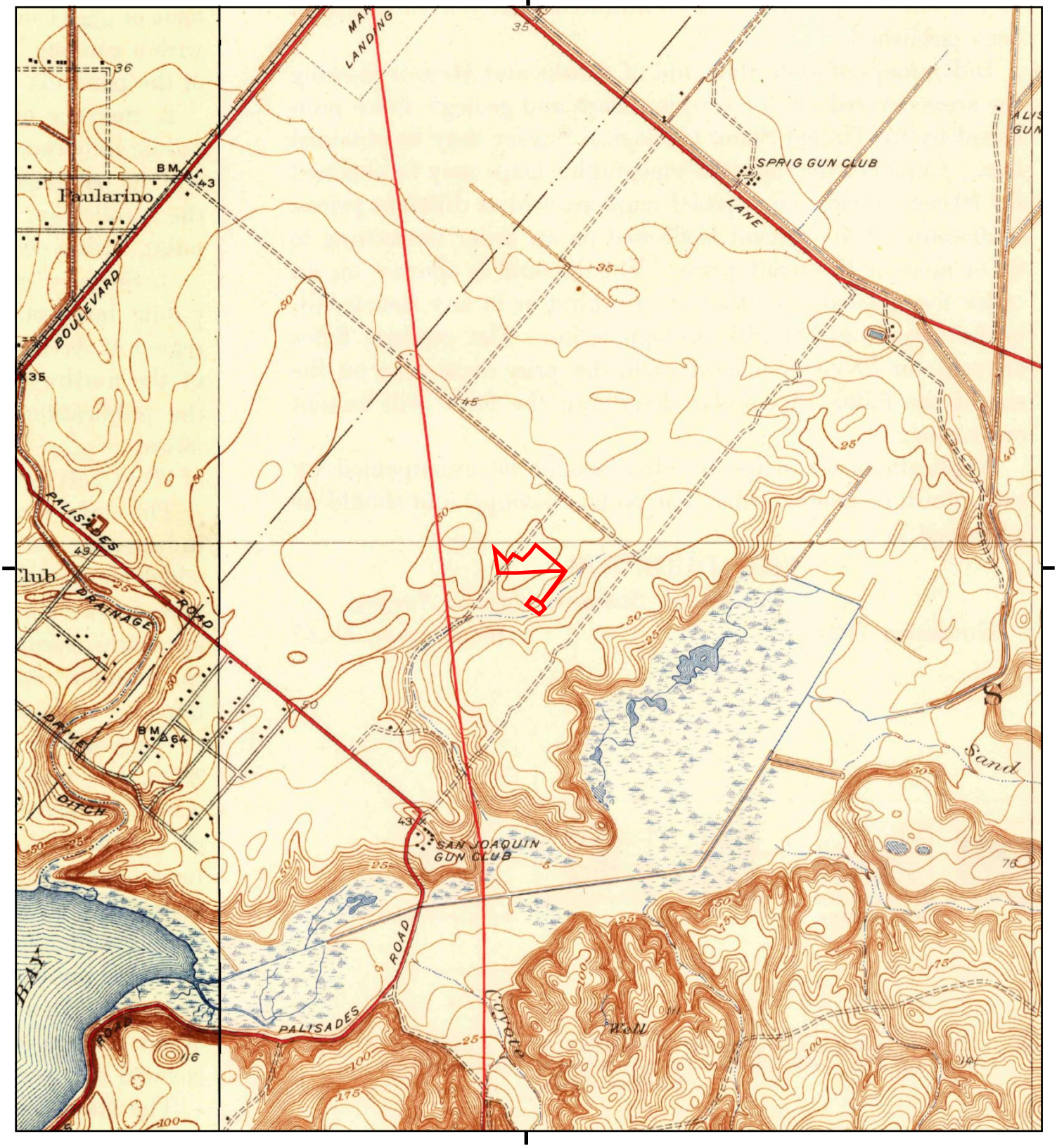
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, SANTA ANA, 1942, 15-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N



This report includes information from the following map sheet(s).

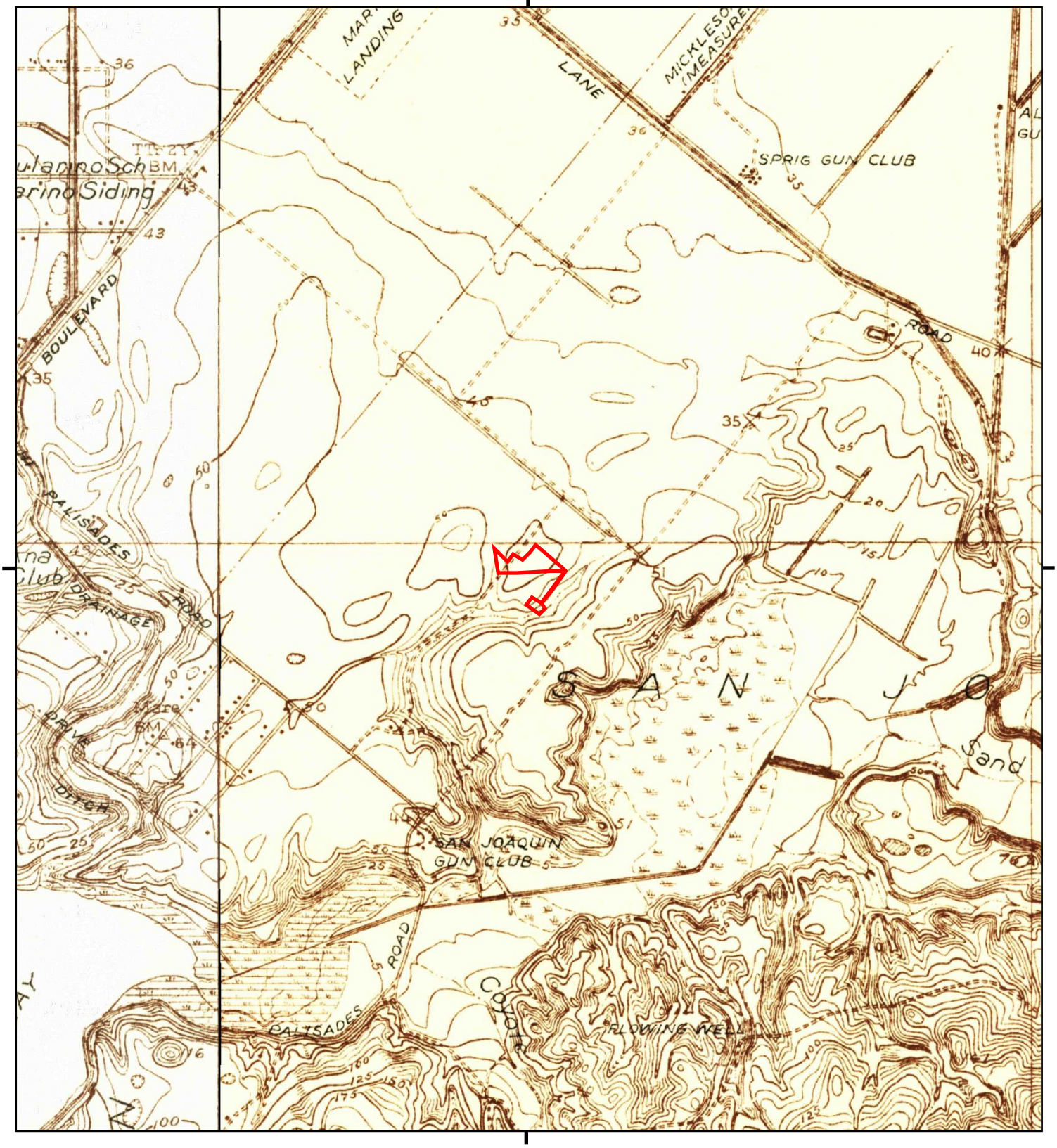
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1935, 7.5-minute
W, Newport Beach, 1935, 7.5-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N



This report includes information from the following map sheet(s).

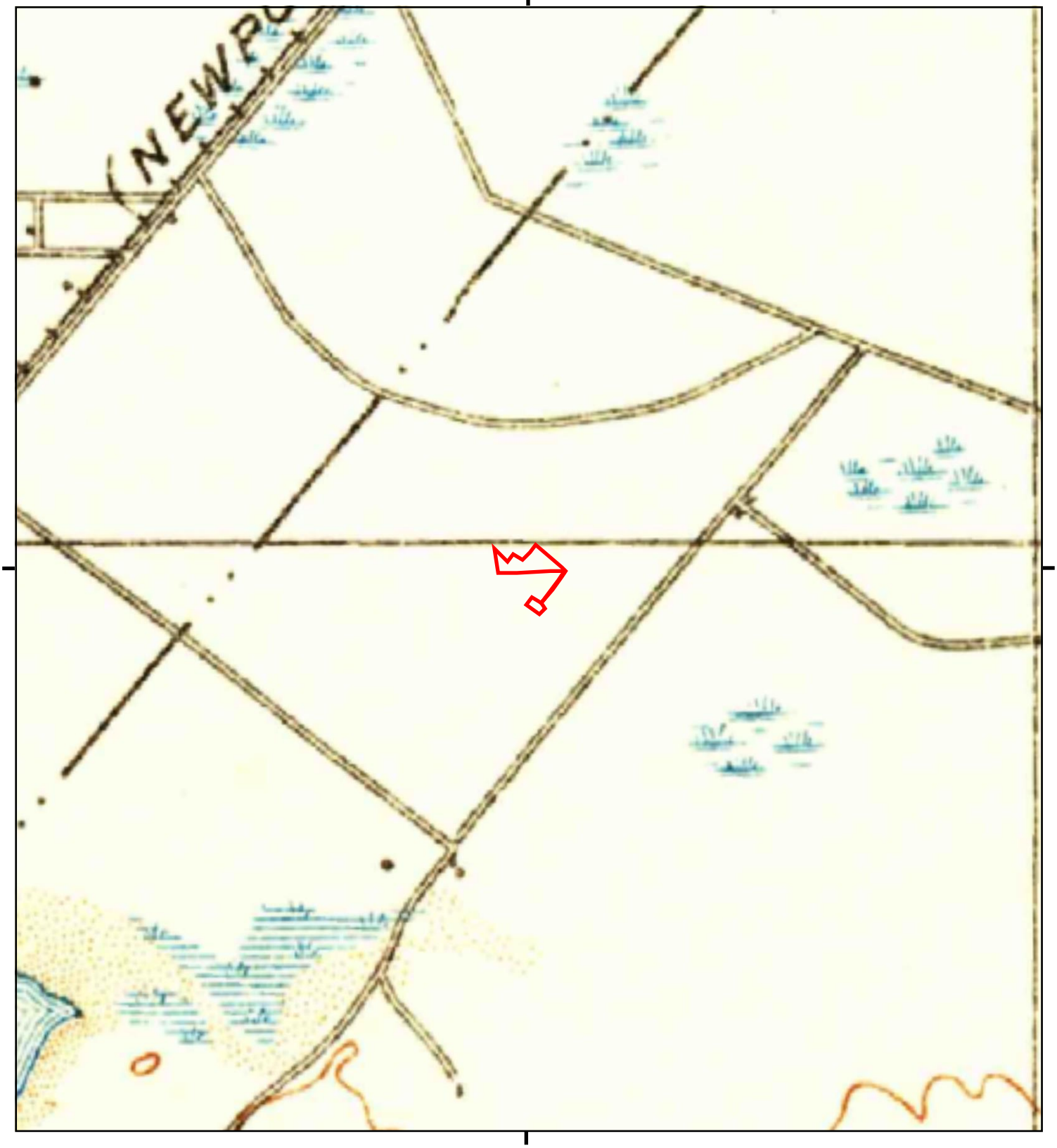
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1932, 7.5-minute
W, Newport Beach, 1932, 7.5-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N



This report includes information from the following map sheet(s).

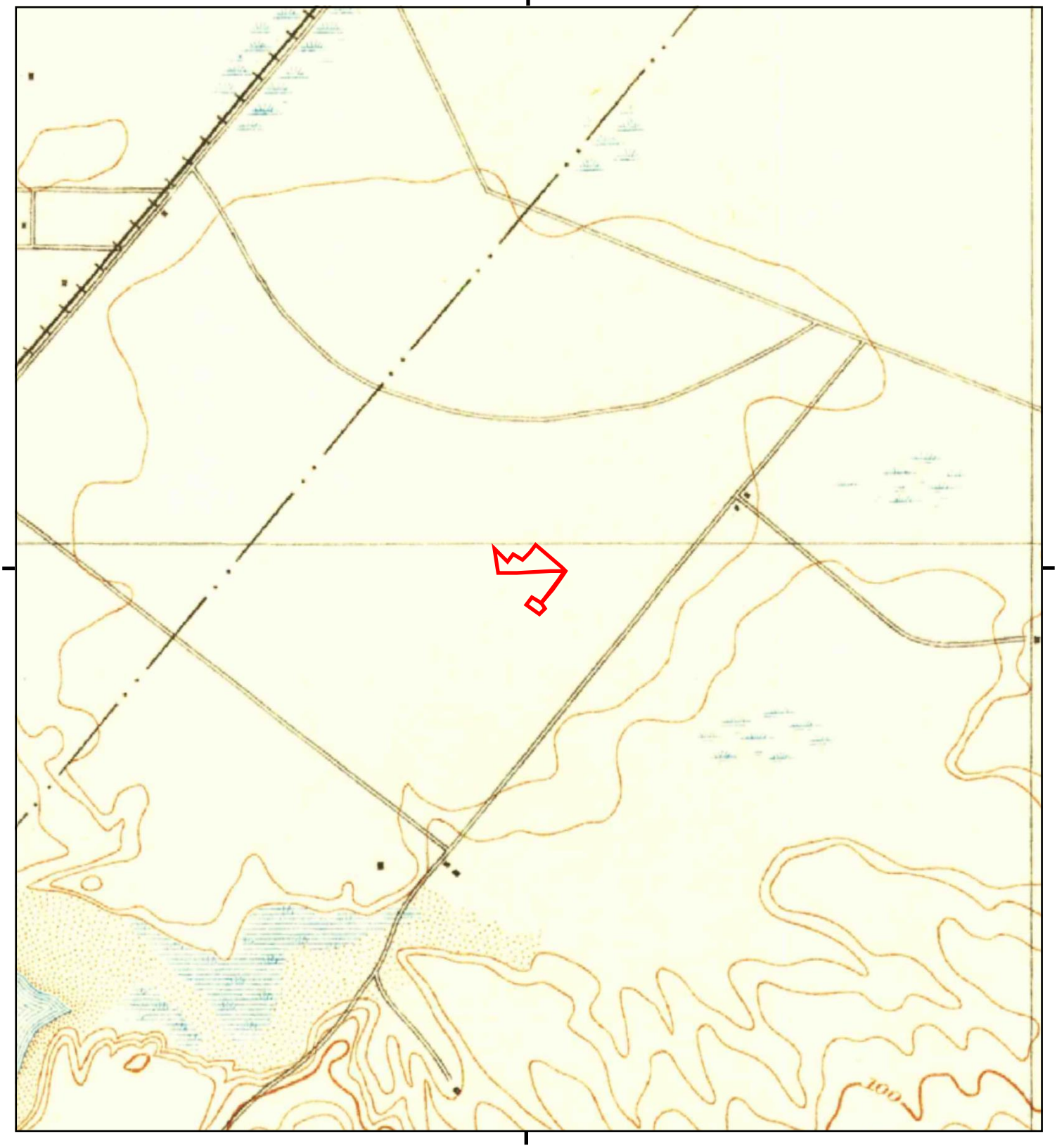
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Corona, 1902, 30-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N



This report includes information from the following map sheet(s).

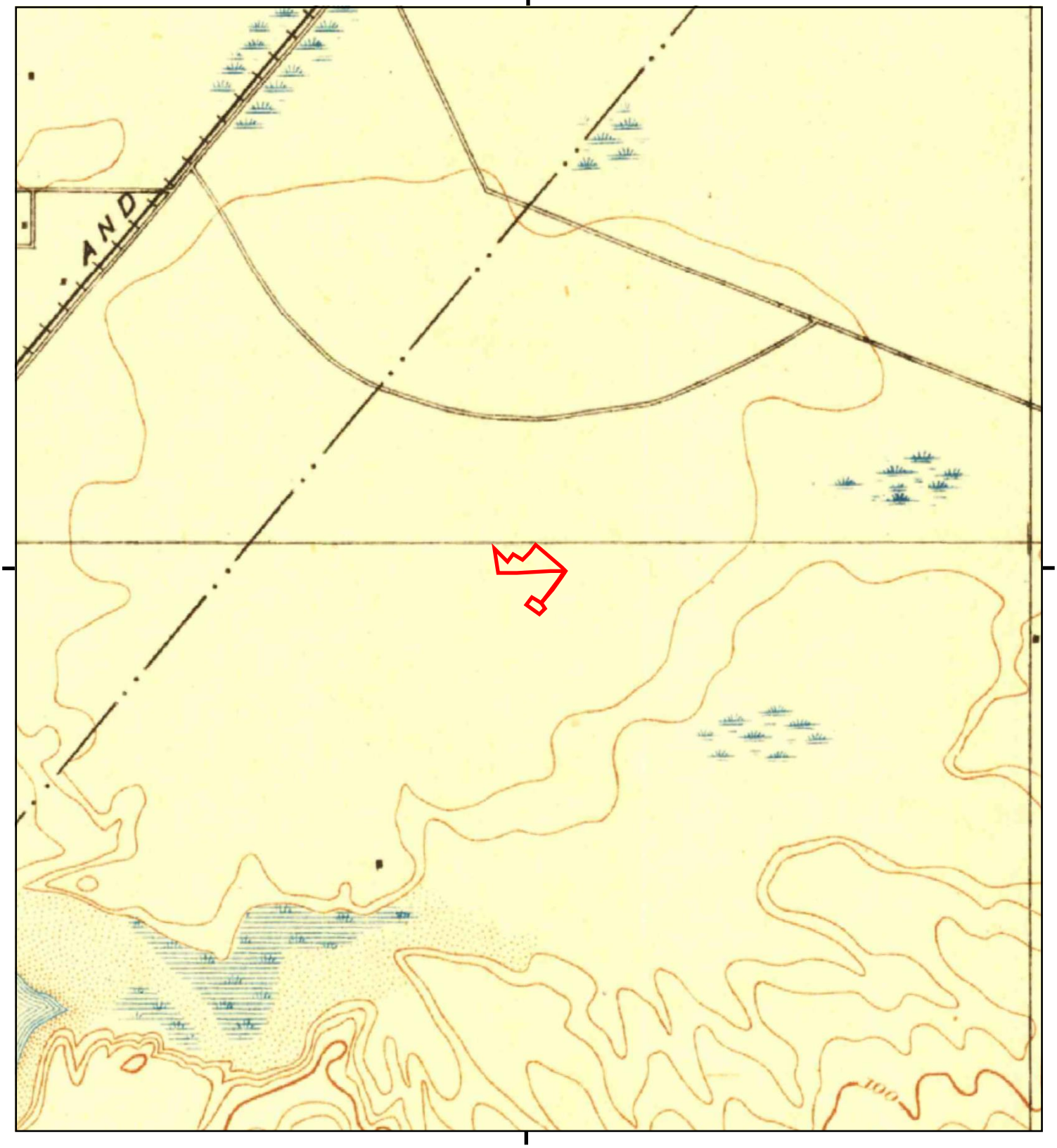
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Ana, 1901, 15-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Ana, 1896, 15-minute

SITE NAME: Lots 1, 3 and 5 At Koll Center Newport
ADDRESS: 4910 Birch Street
Newport Beach, CA 92660
CLIENT: Env. Management Strategies

N

APPENDIX G

EDR AERIAL PHOTO DECADE PACKAGE

Lots 1, 3 and 5 At Koll Center Newport

4910 Birch Street

Newport Beach, CA 92660

Inquiry Number: 6075412.11

May 27, 2020

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

05/27/20

Site Name:

Lots 1, 3 and 5 At Koll Center N
4910 Birch Street
Newport Beach, CA 92660
EDR Inquiry # 6075412.11

Client Name:

Env. Management Strategies
8 Goodyear Suite 125
Irvine, CA 92618
Contact: Ashley Flores

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

Search Results:

Year	*Scale*	*Details*	*Source*
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
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: November 18, 1952	USDA
1938	1"=500'	Flight Date: June 21, 1938	USDA

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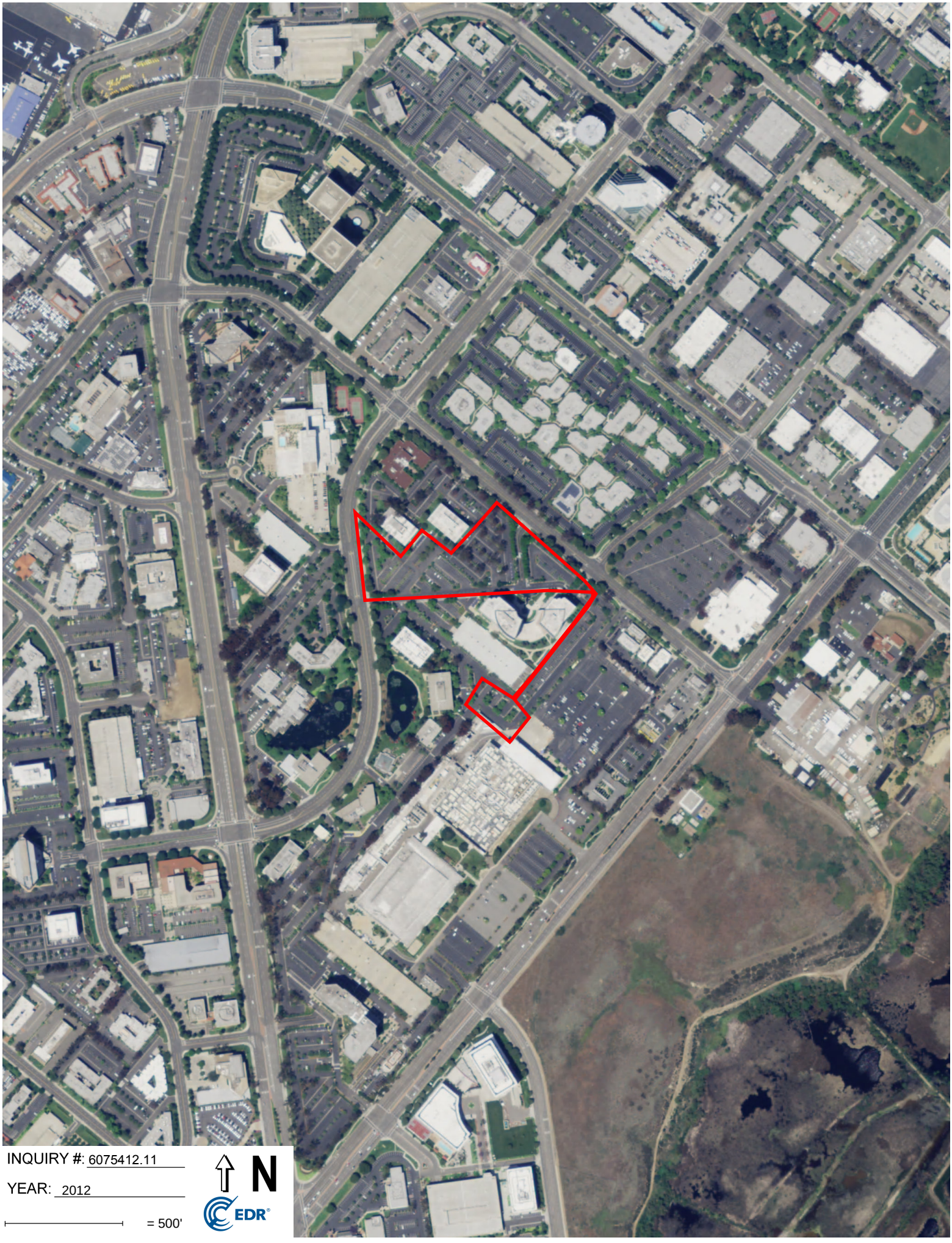
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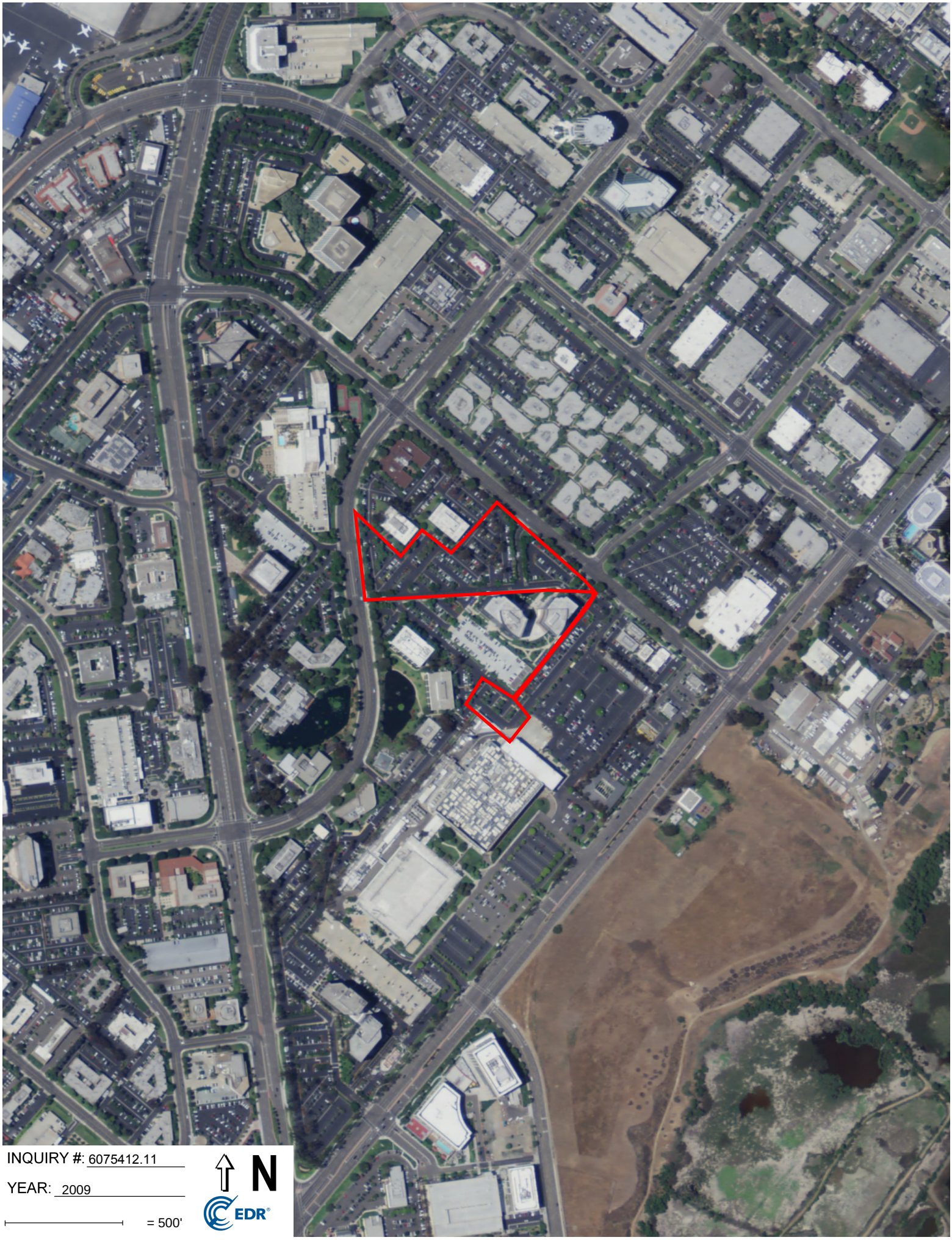
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INQUIRY #: 6075412.11
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 6075412.11
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6075412.11
YEAR: 2009
= 500'
N
EDR



INQUIRY #: 6075412.11

YEAR: 2005

= 500'

N

EDR



INQUIRY #: 6075412.11

YEAR: 1994

= 500'

N

EDR



INQUIRY #: 6075412.11

YEAR: 1990

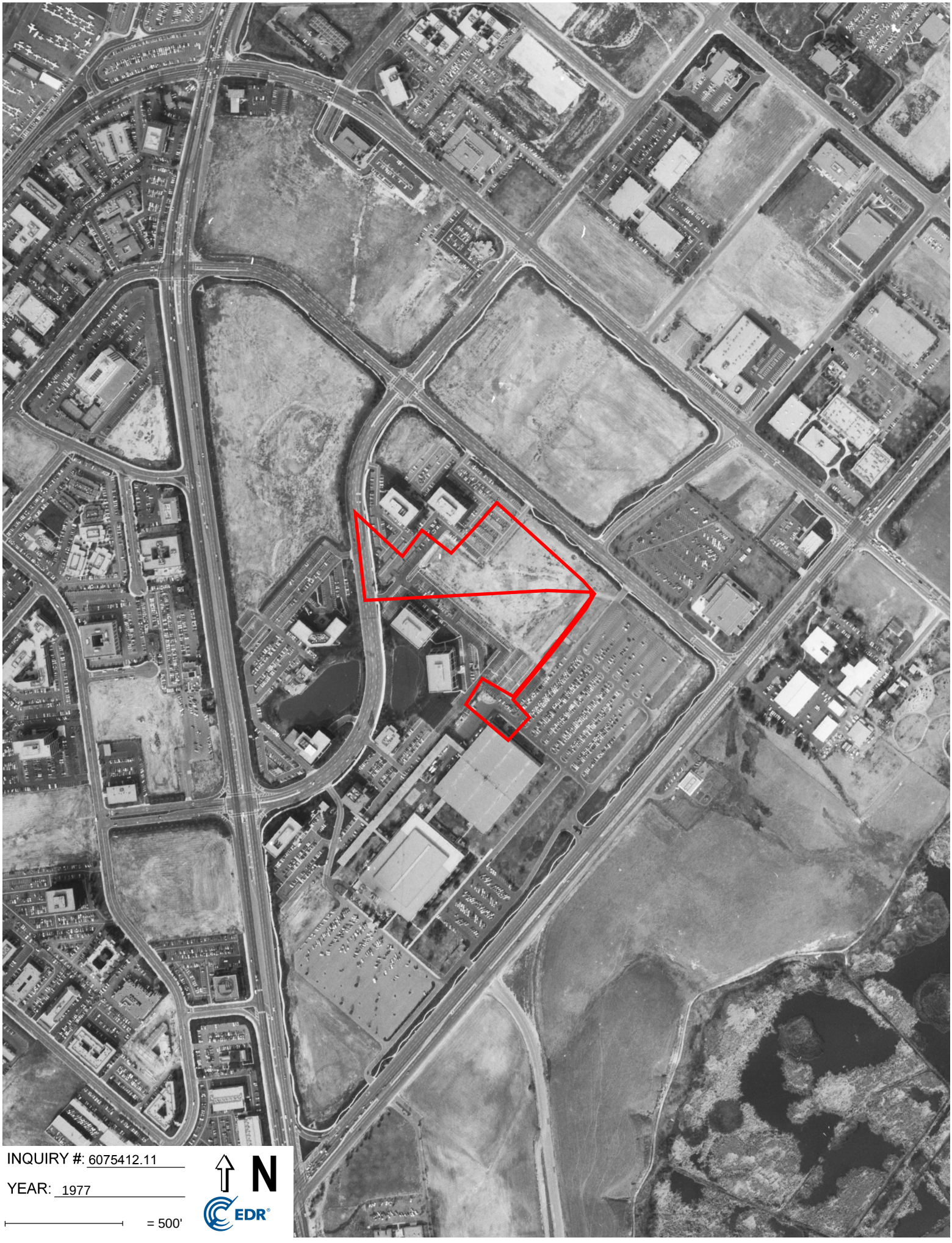
= 500'

N

EDR


INQUIRY #: 6075412.11
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 6075412.11
YEAR: 1985
= 500'
N
EDR



INQUIRY #: 6075412.11

YEAR: 1977

= 500'

N

EDR



INQUIRY #: 6075412.11

YEAR: 1972

= 500'

N

EDR



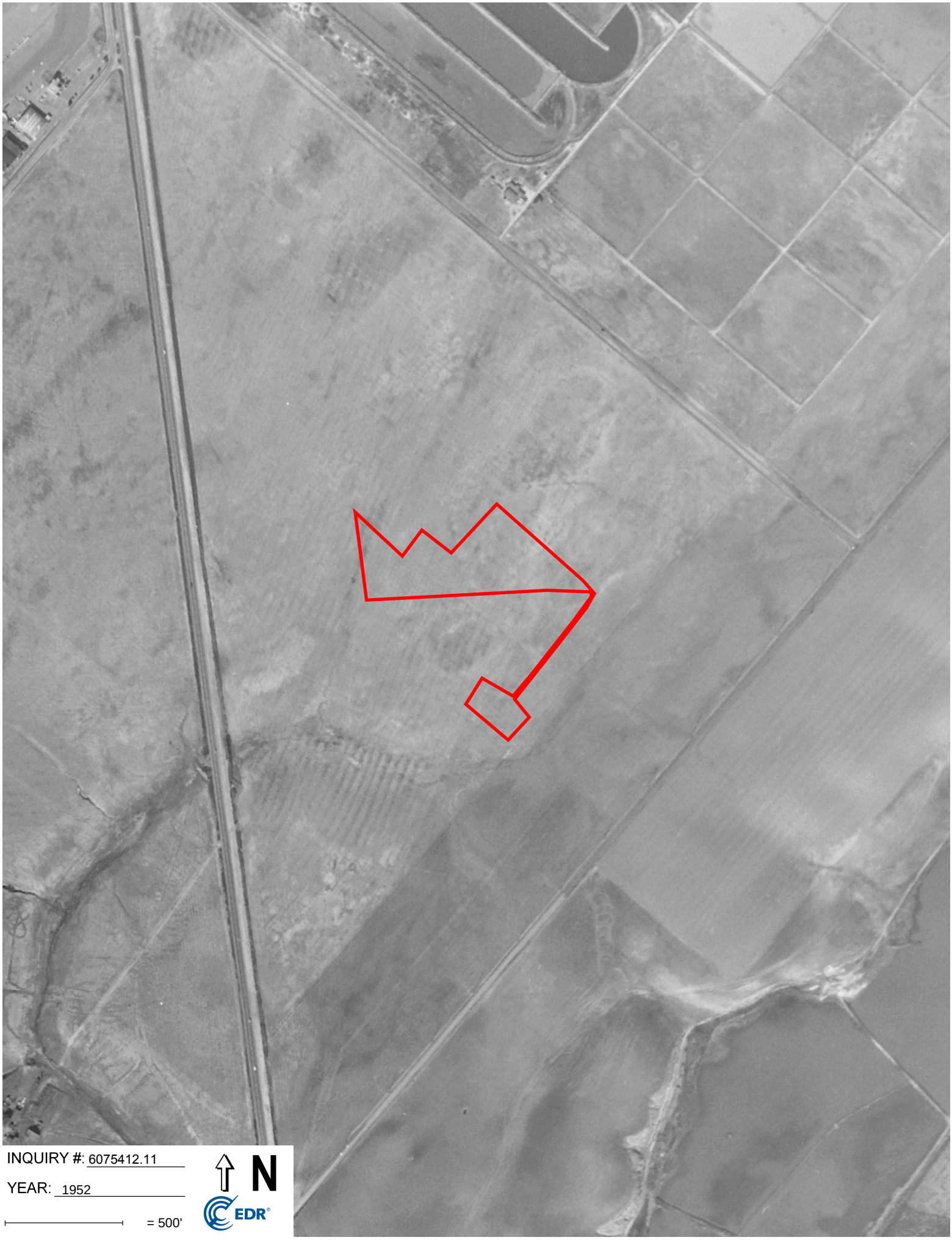
INQUIRY #: 6075412.11

YEAR: 1963

= 500'

N

EDR



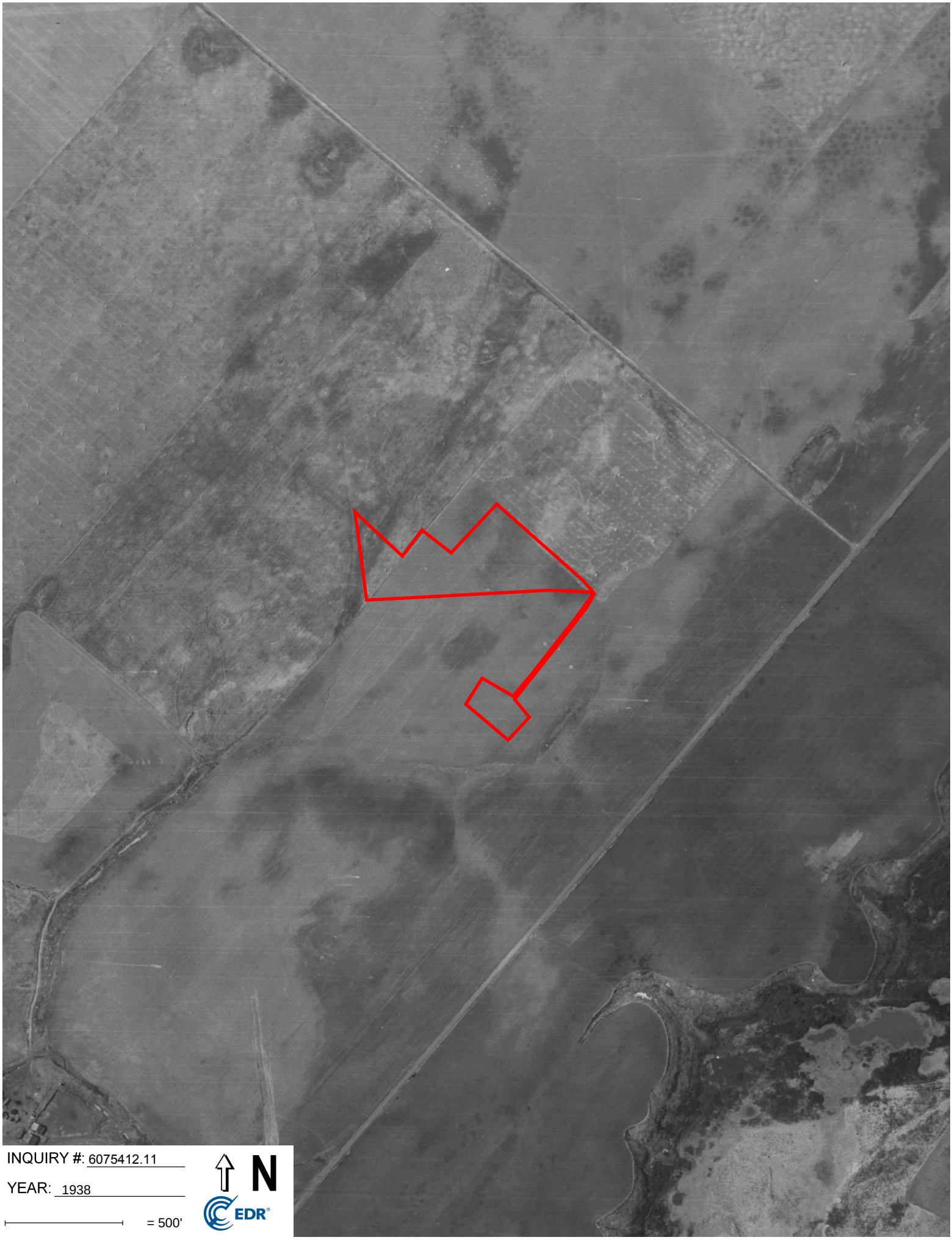
INQUIRY #: 6075412.11

YEAR: 1952

= 500'

N

EDR



INQUIRY #: 6075412.11

YEAR: 1938

= 500'

N

EDR

APPENDIX H

EDR CITY DIRECTORY ABSTRACT

Lots 1, 3 and 5 At Koll Center Newport
4910 Birch Street
Newport Beach, CA 92660

Inquiry Number: 6075412.5
May 28, 2020

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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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.

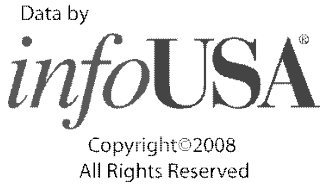
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2015. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2015	Cole Information Services	X	X	X	-
2009	Cole Information Services	X	X	X	-
2004	Cole Information Services	X	X	X	-
2002	Haines Company	-	X	X	-
	Haines Company	X	X	X	-
2001	Pacific Telephone	-	-	-	-
1999	Cole Information Services	X	X	X	-
1997	Pacific Telephone	-	-	-	-
1995	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1994	Cole Information Services	X	X	X	-
1992	Pacific Bell	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1991	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1975	Luskey Brothers & Co., Inc.	-	X	X	-
	Luskey Brothers & Co., Inc.	X	X	X	-
1971	Luskey Brothers Co., Inc.	-	-	-	-
1970	Ross Publications	-	-	-	-
1966	Pacific Telephone	-	-	-	-
1965	Luskey Brothers	-	-	-	-
1961	Luskey Brothers & Co.,	-	-	-	-
1960	Unknown	-	-	-	-
1956	Luskey Brothers & Co., Inc.	-	-	-	-
1955	The Pacific Telephone and Telegraph Co.	-	-	-	-
1952	Luskeys Directory Service Co.	-	-	-	-
1950	West Directory Co.	-	-	-	-
1946	Southern California Telephone Co.	-	-	-	-
1945	McCutcheon & Bragonier	-	-	-	-
1941	Southern California Telephone Co.	-	-	-	-
1936	Western Directory Co.	-	-	-	-
1930	Western Directory Co.	-	-	-	-
1926	Pacific Telephone	-	-	-	-
1925	Western Directory Co.	-	-	-	-
1922	Kaasen Directory Co.	-	-	-	-
1921	Western Directory Co.	-	-	-	-
1920	Santa Ana Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

4910 Birch Street
Newport Beach, CA 92660

FINDINGS DETAIL

Target Property research detail.

BIRCH

4910 BIRCH

Year	*Uses*	*Source*
1995	Monex	Pacific Bell
	Monex Deposit Co	Pacific Bell
	Monex International	Pacific Bell
	Monex Internatl	Pacific Bell

BIRCH LN

4910 BIRCH LN

Year	*Uses*	*Source*
1995	Meridian Equities Co	Pacific Bell
	Monex Corp	Pacific Bell

BIRCH ST

4910 BIRCH ST

Year	*Uses*	*Source*
2015	MONACO	Cole Information Services
	MONACO RARE COINS	Cole Information Services
	MONEX	Cole Information Services
	MONEX DEPOSIT CO	Cole Information Services
2009	IMAGE NET LLC	Cole Information Services
	KINETIC SYSTEMS INC	Cole Information Services
	MONEX	Cole Information Services
	MONEX DEPOSIT A CAL LTD PARTNER	Cole Information Services
	THE RANN LAW FIRM	Cole Information Services
2004	NEWPORT SERVICE CORP	Cole Information Services
2002	BUILDING DYNAMIC SYSTEMS INC	Haines Company

FINDINGS

Year	Uses	Source
2002	CONSTRUCTION SASCO	Haines Company
	CONTRACTING PIZZAGALLI	Haines Company
	INTERIORS INC PERFRMNC	Haines Company
	KINETIC SYSTEMS INC	Haines Company
	KINETICSYSTEMSINC	Haines Company
	MONEX	Haines Company
	MONEX DEPOSIT CO	Haines Company
	MONEX RARE COINS	Haines Company
	PACBUILDING	Haines Company
	TOUCHPHONICSRDNG	Haines Company
1999	MONEX DEPOSIT COMPANY	Cole Information Services
	MONEX RARE COINS	Cole Information Services
	NEW CENTURY MORTGAGE CORPORATION	Cole Information Services
	TOUCHPHONICS READING SYSTEM LLC	Cole Information Services
1994	MONEX INTERNATIONAL LTD	Cole Information Services
1991	Unimet	Pacific Bell
1986	Aristotle Services	Pacific Bell
	Arrstotle Reports	Pacific Bell
1980	amic Productions	Pacific Telephone
1975	Corporate Office	Luskey Brothers & Co., Inc.
	Monex International Ltd	Luskey Brothers & Co., Inc.
	Pacific Coast Coin Exchange Regional Sales Office See Monex International Ltd	Luskey Brothers & Co., Inc.
	Regional Sales Office	Luskey Brothers & Co., Inc.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BIRCH

4881 BIRCH

Year	Uses	Source
1995	Crickets Nest gilt shop	Pacific Bell
	Dallas Burger	Pacific Bell
	Fernandos	Pacific Bell
	Guzmans Shoe Service	Pacific Bell
	Gyro King	Pacific Bell
	India Club	Pacific Bell
	New Tokyo	Pacific Bell
	Pink Pepper The	Pacific Bell
	Plaza de Cafes	Pacific Bell
	Crickets Nest gilt shop	Pacific Bell
	Dallas Burger	Pacific Bell
	Fernandos	Pacific Bell
	Guzmans Shoe Service	Pacific Bell
	Gyro King	Pacific Bell
	India Club	Pacific Bell
	New Tokyo	Pacific Bell
	Pink Pepper The	Pacific Bell
	Plaza de Cafes	Pacific Bell

4901 BIRCH

Year	Uses	Source
1995	HASKELL & WHITE CPA	Pacific Bell
	Raymond L& Associates	Pacific Bell
	Mc Quigg & Mac Gregor Business Consulting Systems Development	Pacific Bell
	LR A Laboratories	Pacific Bell
	L R A Engineering Consultants	Pacific Bell
	HASKELL & WHITE CPA	Pacific Bell
	Raymond L& Associates	Pacific Bell
	Mc Quigg & Mac Gregor Business Consulting Systems Development	Pacific Bell
	LR A Laboratories	Pacific Bell

FINDINGS

Year	Uses	Source
1995	L R A Engineering Consultants	Pacific Bell

4911 BIRCH

Year	Uses	Source
1995	Econo Lube N Tune Servicecenters Corporate&Franchise Office	Pacific Bell
	Econo Lube N Tune Service Centers	Pacific Bell
	Econo Lube Inc Corporate & Franchise Office	Pacific Bell
	Econo Lube & Tune Inc Corporate & Franchise Office	Pacific Bell
	Econo Lube & Tune Inc Corporate & Franchise Office	Pacific Bell
	Econo Lube N Tune Servicecenters Corporate&Franchise Office	Pacific Bell
	Econo Lube N Tune Service Centers	Pacific Bell
	Econo Lube Inc Corporate & Franchise Office	Pacific Bell
	Econo Lube & Tune Inc Corporate & Franchise Office	Pacific Bell
	Econo Lube & Tune Inc Corporate & Franchise Office	Pacific Bell

4921 BIRCH

Year	Uses	Source
1995	Strutt & Parker Calif	Pacific Bell
	Serving People In Need Inc	Pacific Bell
	SPIN Serving People In Need Inc	Pacific Bell
	Strutt & Parker Calif	Pacific Bell
	Serving People In Need Inc	Pacific Bell
	SPIN Serving People In Need Inc	Pacific Bell

4931 BIRCH

Year	Uses	Source
1995	W P Development Corporation	Pacific Bell
	Specialty Marketing Group Inc	Pacific Bell
	Simcha Kol F 5512072	Pacific Bell
	Slmcal Properties Inc	Pacific Bell
	Simber MIchael	Pacific Bell
	PFE Inc	Pacific Bell
	Nancy Howard CFP	Pacific Bell
	Kapalun Bay Hotel & Villas Sales Office	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Harrigan Robert financi plnng	Pacific Bell
	Genesis Health Care Consulting Group	Pacific Bell
	Gartrell Richard A CPA	Pacific Bell
	Gandalf Systems Corp	Pacific Bell
	Finnegan Internat I Sales	Pacific Bell
	Diversified Business Services	Pacific Bell
	Effective Risk Management	Pacific Bell
	Ewing Development	Pacific Bell
	CHIROPRACTIC INC	Pacific Bell
	Arbolt Associates	Pacific Bell
	Benefits Planning Service	Pacific Bell
	Canandaigua Wineries	Pacific Bell
	CHIROPRACTIC INC	Pacific Bell
	DBS	Pacific Bell
	CHIROPRACTIC INC	Pacific Bell
	D B S Executive Suites	Pacific Bell
	DBS Graphics	Pacific Bell
	W P Development Corporation	Pacific Bell
	Specialty Marketing Group Inc	Pacific Bell
	Simcha Kol F 5512072	Pacific Bell
	Slmcal Properties Inc	Pacific Bell
	Simber MIchael	Pacific Bell
	PFE Inc	Pacific Bell
	Nancy Howard CFP	Pacific Bell
	Kapalun Bay Hotel & Villas Sales Office	Pacific Bell
	Harrigan Robert financi plnng	Pacific Bell
	Genesis Health Care Consulting Group	Pacific Bell
	Gartrell Richard A CPA	Pacific Bell
	Gandalf Systems Corp	Pacific Bell
	Finnegan Internat I Sales	Pacific Bell
	Diversified Business Services	Pacific Bell
	Effective Risk Management	Pacific Bell
	Ewing Development	Pacific Bell
	CHIROPRACTIC INC	Pacific Bell
	Arbolt Associates	Pacific Bell
	Benefits Planning Service	Pacific Bell
	Canandaigua Wineries	Pacific Bell
	CHIROPRACTIC INC	Pacific Bell

FINDINGS

Year	Uses	Source
1995	DBS	Pacific Bell
	CHIROPRACTIC INC	Pacific Bell
	D B S Executive Suites	Pacific Bell
	DBS Graphics	Pacific Bell

5000 BIRCH

Year	Uses	Source
1995	Jannotta Bray & Associates	Pacific Bell
	Johnson K D	Pacific Bell
	Kokoku Rubber Industry Ltd	Pacific Bell
	Kray Steven Batty	Pacific Bell
	Kroesche Thomas R	Pacific Bell
	Langdon Rieder Corp	Pacific Bell
	Law Office Of Holly N Will Iams	Pacific Bell
	Maher& Renzl	Pacific Bell
	Martin John D Martin & Mc Cormick APC	Pacific Bell
	Mc Cormick Kathy J Martin & Mc Cormick APC	Pacific Bell
	Metalast	Pacific Bell
	Orange County Regional Head Office	Pacific Bell
	Metrobank	Pacific Bell
	Metrobank	Pacific Bell
	Midwest Indemnity Corp	Pacific Bell
	Miles C Rose Investments	Pacific Bell
	Mira Communications	Pacific Bell
	Mira Communications	Pacific Bell
	Moore Fredrick C atty	Pacific Bell
	Murphy Joseph M Law Offcies Of	Pacific Bell
	Omni Offices Newport Beach	Pacific Bell
	Optimus Group	Pacific Bell
	Palmco Corp	Pacific Bell
	Phoenix Home Life	Pacific Bell
	Pillsbury Wilbur CPA	Pacific Bell
	Promediate	Pacific Bell
	RW & Associates	Pacific Bell
	Ringler Associates Inc	Pacific Bell
	Ringler Associates Inc	Pacific Bell
	Ringler Associates Inc	Pacific Bell
	Roosje Harry A ally atlaw	Pacific Bell

FINDINGS

Year	Uses	Source
1995	S B A	Pacific Bell
	Newport Beach Of ices	Pacific Bell
	Smith Barney Inc	Pacific Bell
	State Street Bank & Trust Company	Pacific Bell
	Stephens & Krayattys	Pacific Bell
	Stephens Lon Tatty	Pacific Bell
	Summerhll Warranty	Pacific Bell
	Surgi Care Health Plans	Pacific Bell
	Syntellect Inc	Pacific Bell
	Syntellect Inc	Pacific Bell
	Tata Consultancy Services	Pacific Bell
	Tour America West Inc	Pacific Bell
	Via Soft	Pacific Bell
	Viatek Computer Corporation	Pacific Bell
	Viatek Computer Corporation	Pacific Bell
	Viatek Computer Corporation	Pacific Bell
	Viatek Computer Corporation	Pacific Bell
	Viatek Computer Corporation	Pacific Bell
	Volume Buying Power	Pacific Bell
	Wall Data Inc	Pacific Bell
	Western Interstate Bancorp	Pacific Bell
	Western Technical Communication Inc	Pacific Bell
	Woldt & Ham	Pacific Bell
	Yamamoto Communications	Pacific Bell
	Zimmerman P L	Pacific Bell
	LZimmerman & Partners	Pacific Bell
	Barclay Law Corp	Pacific Bell
	Beller Sami O & Co	Pacific Bell
	Bottum James Trabold & WIlson	Pacific Bell
	Burnham Enterprises	Pacific Bell
	Burnham Keith	Pacific Bell
	Cabletron Systems Inc	Pacific Bell
	Capretz James T Law Offices Of	Pacific Bell
	Cascade Graphics Systems	Pacific Bell
	Chamberlain Paul Internatl	Pacific Bell
	Choice Hotels Asia Pacific	Pacific Bell
	Collins Fuller Corp	Pacific Bell
	Cornelius Group The	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Corporate Educational Services	Pacific Bell
	DPR Construction	Pacific Bell
	DSC Communications Corporation	Pacific Bell
	Deutsche Credit Corp	Pacific Bell
	Digital Sound Corporation	Pacific Bell
	Eats	Pacific Bell
	Ehrlich Rominger Architecture	Pacific Bell
	Elliott Investment Co	Pacific Bell
	Enterprises Partners	Pacific Bell
	Ezell Communications	Pacific Bell
	Ezell Group The	Pacific Bell
	Ezell Group The	Pacific Bell
	Ezell Hal Ezell Group The	Pacific Bell
	Ezell Lee Ezell Group The	Pacific Bell
	Ezell Ministries Inc	Pacific Bell
	Fax Ezell	Pacific Bell
	Files Wm	Pacific Bell
	Flletek	Pacific Bell
	Financial Horizons	Pacific Bell
	Flnerty James P	Pacific Bell
	First California Financial Inc	Pacific Bell
	Orange County Airport	Pacific Bell
	Financial Services New Accounts	Pacific Bell
	Financial	Pacific Bell
	Orange County Airport Office	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	First Interstate Venture Capital Corporation	Pacific Bell
	First Interstate Venture Capital Corporation	Pacific Bell
	Five Continent Enterprise	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Frederick Capital Corp	Pacific Bell
	Fremont Financial Corp	Pacific Bell
	Fulcrum Communications	Pacific Bell
	Gardner David H atty	Pacific Bell
	Gardner & Quan Inc ettys	Pacific Bell
	Goldcrown Consultants Ltd	Pacific Bell
	Gyben John Peteratty	Pacific Bell
	Helde Group The	Pacific Bell
	Heurlin John M	Pacific Bell
	Horan Glenn M & Associates	Pacific Bell
	Indigo America	Pacific Bell
	Indigo America Inc	Pacific Bell
	Intercap Group	Pacific Bell
	Intercap Group	Pacific Bell
	James Martin & Company	Pacific Bell
	ALaw Office Of Jay B Cohen	Pacific Bell
	ACRMortgage	Pacific Bell
	ALTCorporation	Pacific Bell
	Account On Us	Pacific Bell
	ACCOUNTANTS EXECUTIVE SEARCH	Pacific Bell
	ACCOUNTANTS ON CALL	Pacific Bell
	Adobe Systems Inc	Pacific Bell
	Air New Guinea	Pacific Bell
	Air Niuginl	Pacific Bell
	Alacrity Financial Systems Inc	Pacific Bell
	Americans Against Illegal Immigration	Pacific Bell
	Ampco Parking	Pacific Bell
	Baker John H	Pacific Bell
	Ball Companies	Pacific Bell
	Jannotta Bray & Associates	Pacific Bell
	Johnson K D	Pacific Bell
	Kokoku Rubber Industry Ltd	Pacific Bell
	Kray Steven Batty	Pacific Bell
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	Langdon Rieder Corp	Pacific Bell
	Law Office Of Holly N Will Iams	Pacific Bell
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Year	Uses	Source
1995	Mc Cormick Kathy J Martin & Mc Cormick APC	Pacific Bell
	Metalast	Pacific Bell
	Orange County Regional Head Office	Pacific Bell
	Metrobank	Pacific Bell
	Metrobank	Pacific Bell
	Midwest Indemnity Corp	Pacific Bell
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	Mira Communications	Pacific Bell
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	Murphy Joseph M Law Offcies Of	Pacific Bell
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	Optimus Group	Pacific Bell
	Palmco Corp	Pacific Bell
	Phoenix Home Life	Pacific Bell
	Pillsbury Wilbur CPA	Pacific Bell
	Promediate	Pacific Bell
	RW & Associates	Pacific Bell
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	Ringler Associates Inc	Pacific Bell
	Ringler Associates Inc	Pacific Bell
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	Syntellect Inc	Pacific Bell
	Tata Consultancy Services	Pacific Bell
	Tour America West Inc	Pacific Bell
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	Viatek Computer Corporation	Pacific Bell
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Year	Uses	Source
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	Viatek Computer Corporation	Pacific Bell
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	Cascade Graphics Systems	Pacific Bell
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	Choice Hotels Asia Pacific	Pacific Bell
	Collins Fuller Corp	Pacific Bell
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	Corporate Educational Services	Pacific Bell
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	Digital Sound Corporation	Pacific Bell
	Eats	Pacific Bell
	Ehrlich Rominger Architecture	Pacific Bell
	Elliott Investment Co	Pacific Bell
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	Ezell Communications	Pacific Bell
	Ezell Group The	Pacific Bell
	Ezell Group The	Pacific Bell
	Ezell Hal Ezell Group The	Pacific Bell
	Ezell Lee Ezell Group The	Pacific Bell
	Ezell Ministries Inc	Pacific Bell
	Fax Ezell	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Files Wm	Pacific Bell
	Flletek	Pacific Bell
	Financial Horizons	Pacific Bell
	Flnerty James P	Pacific Bell
	First California Financial Inc	Pacific Bell
	Orange County Airport	Pacific Bell
	Financial Services New Accounts	Pacific Bell
	Financial	Pacific Bell
	Orange County Airport Office	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	Financial	Pacific Bell
	First Interstate Venture Capital Corporation	Pacific Bell
	First Interstate Venture Capital Corporation	Pacific Bell
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	Gardner & Quan Inc ettys	Pacific Bell
	Goldcrown Consultants Ltd	Pacific Bell
	Gyben John Peteratty	Pacific Bell
	Helde Group The	Pacific Bell
	Heurlin John M	Pacific Bell
	Horan Glenn M & Associates	Pacific Bell
	Indigo America	Pacific Bell
	Indigo America Inc	Pacific Bell
	Intercap Group	Pacific Bell
	Intercap Group	Pacific Bell
	James Martin & Company	Pacific Bell
	ALaw Office Of Jay B Cohen	Pacific Bell

FINDINGS

Year	Uses	Source
1995	ACRMortgage	Pacific Bell
	ALTCorporation	Pacific Bell
	Account On Us	Pacific Bell
	ACCOUNTANTS EXECUTIVE SEARCH	Pacific Bell
	ACCOUNTANTS ON CALL	Pacific Bell
	Adobe Systems Inc	Pacific Bell
	Air New Guinea	Pacific Bell
	Air Niuginl	Pacific Bell
	Alacrity Financial Systems Inc	Pacific Bell
	Americans Against Illegal Immigration	Pacific Bell
	Ampco Parking	Pacific Bell
	Baker John H	Pacific Bell
	Ball Companies	Pacific Bell

5001 BIRCH

Year	Uses	Source
1995	Vanmark Group	Pacific Bell
	Vanmark Group	Pacific Bell

5015 BIRCH

Year	Uses	Source
1995	SATIN KENNETH A LAW OFFICES OF	Pacific Bell
	Russell Christopher E ally	Pacific Bell
	SATIN KENNETH A LAW OFFICES OF	Pacific Bell
	Russell Christopher E ally	Pacific Bell

5031 BIRCH

Year	Uses	Source
1995	Woodard Group The	Pacific Bell
	WJS Inc	Pacific Bell
	George Jack M Architect & Associates	Pacific Bell
	Birch Street Architects	Pacific Bell
	Woodard Group The	Pacific Bell
	WJS Inc	Pacific Bell
	George Jack M Architect & Associates	Pacific Bell
	Birch Street Architects	Pacific Bell

FINDINGS

BIRCH CIR

5031 BIRCH CIR

Year	Uses	Source
1995	Capital Funding Group	Pacific Bell
	Capital Funding Group	Pacific Bell

BIRCH LN

4881 BIRCH LN

Year	Uses	Source
1995	Airport	Pacific Bell
	Garys Dell	Pacific Bell
	Wallys Original Cookie Co	Pacific Bell
	Airport	Pacific Bell
	Garys Dell	Pacific Bell
	Wallys Original Cookie Co	Pacific Bell

4921 BIRCH LN

Year	Uses	Source
1995	Lee Wayne Company inc	Pacific Bell
	Lee Wayne Company inc	Pacific Bell

4931 BIRCH LN

Year	Uses	Source
1995	Mc Neil Associates	Pacific Bell
	Thomas Pauline & Associates	Pacific Bell
	Mc Neil Associates	Pacific Bell
	Thomas Pauline & Associates	Pacific Bell

5000 BIRCH LN

Year	Uses	Source
1995	Advanced Marketing Dynamics Inc	Pacific Bell
	Vocational Economics	Pacific Bell
	Vedax Sciences Corp	Pacific Bell
	Air Niuginl Regional Sales Office	Pacific Bell
	Bayvlew Mortgage	Pacific Bell
	Burnes James T Law Offices Of	Pacific Bell
	Chemical Engineering Partners	Pacific Bell
	Duringer Stephen C Law Offices Of	Pacific Bell
	F & S Alloys And Minerals Corp	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Glamour Shots	Pacific Bell
	Gte Vantage Solutions	Pacific Bell
	Harrell Wrlght	Pacific Bell
	Integrated Healthcare Strategies	Pacific Bell
	Martin & Mc Cormick APC	Pacific Bell
	Paul Chamberlain Intemati	Pacific Bell
	Soft Switch Inc	Pacific Bell
	Stephens & Kray attys	Pacific Bell
	Advanced Marketing Dynamics Inc	Pacific Bell
	Vocational Economics	Pacific Bell
	Vedax Sciences Corp	Pacific Bell
	Air Niuginl Regional Sales Office	Pacific Bell
	Bayvlew Mortgage	Pacific Bell
	Burnes James T Law Offices Of	Pacific Bell
	Chemical Engineering Partners	Pacific Bell
	Duringer Stephen C Law Offices Of	Pacific Bell
	F & S Alloys And Minerals Corp	Pacific Bell
	Glamour Shots	Pacific Bell
	Gte Vantage Solutions	Pacific Bell
	Harrell Wrlght	Pacific Bell
	Integrated Healthcare Strategies	Pacific Bell
	Martin & Mc Cormick APC	Pacific Bell
	Paul Chamberlain Intemati	Pacific Bell
	Soft Switch Inc	Pacific Bell
	Stephens & Kray attys	Pacific Bell
1991	Foster Robert A IHatty	Pacific Bell
	Foster Robert A IHatty	Pacific Bell

5008 BIRCH LN

Year	Uses	Source
1995	Veslcare	Pacific Bell
	Veslcare	Pacific Bell

BIRCH ST

4881 BIRCH ST

Year	Uses	Source
2015	EXTENDED STAY HOTELS	Cole Information Services
	PATRICIA HANSEN	Cole Information Services

FINDINGS

Year	Uses	Source
2015	UHAUL	Cole Information Services
	OC CAR & TRUCK RENTAL	Cole Information Services
	EXTENDED STAY HOTELS	Cole Information Services
	PATRICIA HANSEN	Cole Information Services
	UHAUL	Cole Information Services
	OC CAR & TRUCK RENTAL	Cole Information Services
2009	ESA OPERATING LESSEE INC	Cole Information Services
	EXTENDED STAY AMERICA	Cole Information Services
	ESA OPERATING LESSEE INC	Cole Information Services
	EXTENDED STAY AMERICA	Cole Information Services
2004	EXTENDED STAY AMERICA	Cole Information Services
	SANDRA MARTIN	Cole Information Services
	MITCH JARRARD	Cole Information Services
	CASEY STACEY	Cole Information Services
	JAMES JENNINGS	Cole Information Services
	EXTENDED STAY AMERICA	Cole Information Services
	SANDRA MARTIN	Cole Information Services
	MITCH JARRARD	Cole Information Services
	CASEY STACEY	Cole Information Services
	JAMES JENNINGS	Cole Information Services
2002	EXTENDED	Haines Company
	STAYAMERICA	Haines Company
	EXTENDED	Haines Company
	STAYAMERICA	Haines Company
1999	BERNARDOS	Cole Information Services
	SAFARI CANDY	Cole Information Services
	GYRO KING	Cole Information Services
	CANDY SAFARI	Cole Information Services
	TRAVEL GOURMET	Cole Information Services
	GROUNDS CAFE DELI	Cole Information Services
	AMERICAN PRIDE TRAVEL COMPASS CRUISE CENTER	Cole Information Services
	ORIENT EXPRESS THE	Cole Information Services
	CLIFFS RAGIN CAJUN	Cole Information Services
	PROFESSIONAL CUTS AT KIMBERLYS CORNER	Cole Information Services
	RAGIN CAJUN CLIFFS	Cole Information Services
	WALLYS ORIGINAL COOKIE COMPANY	Cole Information Services
	THAI EXPRESS	Cole Information Services

FINDINGS

Year	Uses	Source
1999	FERNANDOS	Cole Information Services
	SALADS 2000	Cole Information Services
	PINK PEPPER THE	Cole Information Services
	BURGER HIGHWAY	Cole Information Services
	NEW TOKYO	Cole Information Services
	MELODYS GARDEN	Cole Information Services
	LEONS SHOE SERVICE	Cole Information Services
	LEONS SHOE SERVICE	Cole Information Services
	SAFARI CANDY	Cole Information Services
	GYRO KING	Cole Information Services
	CANDY SAFARI	Cole Information Services
	TRAVEL GOURMET	Cole Information Services
	GROUNDS CAFE DELI	Cole Information Services
	AMERICAN PRIDE TRAVEL COMPASS CRUISE CENTER	Cole Information Services
	ORIENT EXPRESS THE	Cole Information Services
	CLIFFS RAGIN CAJUN	Cole Information Services
	PROFESSIONAL CUTS AT KIMBERLYS CORNER	Cole Information Services
	WALLYS ORIGINAL COOKIE COMPANY	Cole Information Services
	RAGIN CAJUN CLIFFS	Cole Information Services
	THAI EXPRESS	Cole Information Services
	FERNANDOS	Cole Information Services
	PINK PEPPER THE	Cole Information Services
	SALADS 2000	Cole Information Services
	BURGER HIGHWAY	Cole Information Services
	NEW TOKYO	Cole Information Services
	MELODYS GARDEN	Cole Information Services
	BERNARDOS	Cole Information Services
1994	RAGIN CAGIN	Cole Information Services
	BERNARDOS	Cole Information Services
	NEW TOKYO	Cole Information Services
	DALLAS BURGER	Cole Information Services
	PATRIOT GAME THE	Cole Information Services
	PINK PEPPER	Cole Information Services
	NEW, TOKYO	Cole Information Services
	GARYS DELI	Cole Information Services
	ORIENT EXPRESS	Cole Information Services
	WALLYS ORIGINAL COOKIE CO	Cole Information Services

FINDINGS

Year	Uses	Source
1994	PLAZA DE CAFES	Cole Information Services
	GYRO KING	Cole Information Services
	CRICKETS NEST	Cole Information Services
	RAGIN CAGIN	Cole Information Services
	BERNARDOS	Cole Information Services
	NEW TOKYO	Cole Information Services
	DALLAS BURGER	Cole Information Services
	PATRIOT GAME THE	Cole Information Services
	PINK PEPPER	Cole Information Services
	NEW, TOKYO	Cole Information Services
	GARYS DELI	Cole Information Services
	ORIENT EXPRESS	Cole Information Services
	WALLYS ORIGINAL COOKIE CO	Cole Information Services
	PLAZA DE CAFES	Cole Information Services
	CRICKETS NEST	Cole Information Services
	GYRO KING	Cole Information Services
1991	Bernardos	Pacific Bell
	Crickets Nest gilt shop	Pacific Bell
	Dallas Burger	Pacific Bell
	Famous Amos Plaza de Cafe Newport Beach	Pacific Bell
	Airport	Pacific Bell
	International Pub & Platter	Pacific Bell
	Oraent Express The	Pacific Bell
	Plaza de Cafes	Pacific Bell
	Posh Potato	Pacific Bell
	Sasafu Emi	Pacific Bell
	Vegetable Patch Fresh Food Restaurant The	Pacific Bell
	Bernardos	Pacific Bell
	Crickets Nest gilt shop	Pacific Bell
	Dallas Burger	Pacific Bell
	Famous Amos Plaza de Cafe Newport Beach	Pacific Bell
	Airport	Pacific Bell
	International Pub & Platter	Pacific Bell
	Oraent Express The	Pacific Bell
	Plaza de Cafes	Pacific Bell
	Posh Potato	Pacific Bell
	Sasafu Emi	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Vegetable Patch Fresh Food Restaurant The	Pacific Bell
1986	Deja Vu Travel	Pacific Bell
	Dallas Burger	Pacific Bell
	Bernardos	Pacific Bell
	Cricket S Nest gift shop	Pacific Bell
	El Cholo Mexican Food	Pacific Bell
	Famous Amos Chocolate Chip Cookies	Pacific Bell
	Gyro King	Pacific Bell
	Le Bistango	Pacific Bell
	Ofc	Pacific Bell
	Margarta Ryans Cantina	Pacific Bell
	New Tokyo	Pacific Bell
	Orient Express The	Pacific Bell
	Plaza de Cafes	Pacific Bell
	Sasafu Emi	Pacific Bell
	El Cholo Mexican Food	Pacific Bell
	Famous Amos Chocolate Chip Cookies	Pacific Bell
	Gyro King	Pacific Bell
	Le Bistango	Pacific Bell
	Ofc	Pacific Bell
	Margarta Ryans Cantina	Pacific Bell
	New Tokyo	Pacific Bell
	Orient Express The	Pacific Bell
	Plaza de Cafes	Pacific Bell
	Sasafu Emi	Pacific Bell
	Deja Vu Travel	Pacific Bell
	Dallas Burger	Pacific Bell
	Bernardos	Pacific Bell
	Cricket S Nest gift shop	Pacific Bell
1980	Bernardos	Pacific Telephone
	CAUF W IN E VAUIT	Pacific Telephone
	Continental Bistro	Pacific Telephone
	Cul pepper Cattle Company	Pacific Telephone
	El Cholo Mexican Food	Pacific Telephone
	El Cholo Restaurant	Pacific Telephone
	Garys Deli	Pacific Telephone
	Gyro King	Pacific Telephone
	International Hot Dog Company	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Margarita Ryans Cantina	Pacific Telephone
	Orient Express The	Pacific Telephone
	Piccadilly Park	Pacific Telephone
	Plaza de Cafes	Pacific Telephone
	Newport Beach	Pacific Telephone
	Bernardos	Pacific Telephone
	CAUF W IN E VAUIT	Pacific Telephone
	Continental Bistro	Pacific Telephone
	Cul pepper Cattle Company	Pacific Telephone
	El Cholo Mexican Food	Pacific Telephone
	El Cholo Restaurant	Pacific Telephone
	Garys Deli	Pacific Telephone
	Gyro King	Pacific Telephone
	International Hot Dog Company	Pacific Telephone
	Margarita Ryans Cantina	Pacific Telephone
	Orient Express The	Pacific Telephone
	Piccadilly Park	Pacific Telephone
	Plaza de Cafes	Pacific Telephone
	Newport Beach	Pacific Telephone

4900 BIRCH ST

Year	Uses	Source
2015	MONACO FINANCIAL	Cole Information Services
	MONACO FINANCIAL	Cole Information Services
2009	MONACO FINANCIAL	Cole Information Services
	MONACO FINANCIAL	Cole Information Services
2004	MONACO FINANCIAL	Cole Information Services
	CONCORD FUNDING CO	Cole Information Services
	MONACO FINANCIAL	Cole Information Services
	CONCORD FUNDING CO	Cole Information Services
2002	MONACO FINANCIAL	Haines Company
	MONACO FINANCIAL	Haines Company
1999	MONACO FINANCIAL	Cole Information Services
	MONACO FINANCIAL	Cole Information Services
1980	A E Properties Inc	Pacific Telephone
	A E Properties Inc	Pacific Telephone

FINDINGS

4901 BIRCH ST

Year	*Uses*	*Source*
2015	LYON MANAGEMENT	Cole Information Services
	MCQUIGG & MACGREGOR	Cole Information Services
	LYON WILLIAM PROPERTY MANAGEMENT CO	Cole Information Services
	LYON MANAGEMENT	Cole Information Services
	MCQUIGG & MACGREGOR	Cole Information Services
	LYON WILLIAM PROPERTY MANAGEMENT CO	Cole Information Services
2004	WILLIAM LYON PROPERTY MNGMNT	Cole Information Services
	FRANK SURYAN	Cole Information Services
	THE WILLIAM LYON PROPERTY	Cole Information Services
	LYON MANAGEMENT GROUP INC	Cole Information Services
	WILLIAM LYON PROPERTY MNGMNT	Cole Information Services
	FRANK SURYAN	Cole Information Services
	THE WILLIAM LYON PROPERTY	Cole Information Services
	LYON MANAGEMENT GROUP INC	Cole Information Services
2002	LYON WILIAM PRPRTY	Haines Company
	MANGMNT MCGUIGGAMACOREG	Haines Company
	R BSNS CNSLTNG SUMMITBUILDERS	Haines Company
	LYON WILIAM PRPRTY	Haines Company
	MANGMNT MCGUIGGAMACOREG	Haines Company
	R BSNS CNSLTNG SUMMITBUILDERS	Haines Company
1999	HASKELL & WHITE CPA	Cole Information Services
	MCQUIGG & MACGREGOR BUSINESS CONSULTING SYSTEMS DEVELOPMENT	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	HASKELL & WHITE LLP	Cole Information Services
	L R A FAILURE ANALYSIS	Cole Information Services
	RAYMOND L PHD	Cole Information Services
	HASKELL & WHITE CPA	Cole Information Services
	MCQUIGG & MACGREGOR BUSINESS CONSULTING SYSTEMS DEVELOPMENT	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	HASKELL & WHITE LLP	Cole Information Services
	L R A FAILURE ANALYSIS	Cole Information Services
	RAYMOND L PHD	Cole Information Services
1994	MC QUIGG & MAC GREGOR BUSINESS	Cole Information Services

FINDINGS

Year	Uses	Source
1994	HASKELL & WHITE	Cole Information Services
	MC QUIGG & MAC GREGOR BUSINESS	Cole Information Services
	HASKELL & WHITE	Cole Information Services
1991	Brandow & Johnston Associates	Pacific Bell
	Mc Quigg & Mac Gregor Business Consulting Systems Development	Pacific Bell
	Brandow & Johnston Associates	Pacific Bell
	Mc Quigg & Mac Gregor Business Consulting Systems Development	Pacific Bell
1986	S W E N S ON & CLARK AN ACCOUN TAN CY CORP	Pacific Bell
	Papajohn Design	Pacific Bell
	Lee Dennis Architects	Pacific Bell
	K A & Associates	Pacific Bell
	S W E N S ON & CLARK AN ACCOUN TAN CY CORP	Pacific Bell
	Papajohn Design	Pacific Bell
	Lee Dennis Architects	Pacific Bell
	K A & Associates	Pacific Bell
	Brandow & Johnston Associates	Pacific Bell
	Computer Temps	Pacific Bell
	Brandow & Johnston Associates	Pacific Bell
	Computer Temps	Pacific Bell
1980	Brandow & Johnston Associates Koll Center	Pacific Telephone
	Brandow & Johnston Associates Koll Center	Pacific Telephone

4911 BIRCH ST

Year	Uses	Source
2015	SENDIO INC	Cole Information Services
	SENDIO INC	Cole Information Services
2004	DAVID SCHAEFERS	Cole Information Services
	AKAL TRADING CORP	Cole Information Services
	DAVID SCHAEFERS	Cole Information Services
	AKAL TRADING CORP	Cole Information Services
2002	SERVICE CTRS	Haines Company
	ECONOLUBENTUNE	Haines Company
	ECONOLUBENTUNE	Haines Company
	SERVICE CTRS	Haines Company
1994	ECONO LUBE INC CORPORATE OFC	Cole Information Services

FINDINGS

Year	Uses	Source
1994	ECONO LUBE INC CORPORATE OFC	Cole Information Services
1991	Econo Lube Inc Corporate & Franchise Ofice	Pacific Bell
	Econo Lube N Tune Service Centers	Pacific Bell
	Econo Lube & Tune Inc Corporate & Franchise Office	Pacific Bell
	Corporate & Franchise Office	Pacific Bell
	Econo Lube Inc Corporate & Franchise Ofice	Pacific Bell
	Econo Lube N Tune Service Centers	Pacific Bell
	Econo Lube & Tune Inc Corporate & Franchise Office	Pacific Bell
	Corporate & Franchise Office	Pacific Bell
1986	Hentage Escrow Company Of Orange County The	Pacific Bell
	Econo Lube & Tune Inc Corporate & Franchise Office	Pacific Bell
	Corporate & Franchise Office	Pacific Bell
	Econo Lube Inc Corporate & Franchise Office	Pacific Bell
	Hentage Escrow Company Of Orange County The	Pacific Bell
	Econo Lube & Tune Inc Corporate & Franchise Office	Pacific Bell
	Corporate & Franchise Office	Pacific Bell
	Econo Lube Inc Corporate & Franchise Office	Pacific Bell
1980	Toppan Printing Co	Pacific Telephone
	Resales	Pacific Telephone
	Newport Beach Ofc	Pacific Telephone
	alifornia MTK Corporation	Pacific Telephone
	Alexander And Alexander Of California Inc	Pacific Telephone
	From @Los Angeles@ Telephones Call	Pacific Telephone
	Toppan Printing Co	Pacific Telephone
	Resales	Pacific Telephone
	Newport Beach Ofc	Pacific Telephone
	alifornia MTK Corporation	Pacific Telephone
	Alexander And Alexander Of California Inc	Pacific Telephone
	From @Los Angeles@ Telephones Call	Pacific Telephone

4921 BIRCH ST

Year	Uses	Source
2015	ADAPT ARCHITECTURE INC	Cole Information Services

FINDINGS

Year	Uses	Source
2015	VELARA INC	Cole Information Services
	CURTIS ALANATTORNEY AT LAW	Cole Information Services
	LOW ARCHBALD	Cole Information Services
	HEDLEY BUILDERS	Cole Information Services
	VERTICAL ADVISORS LLP	Cole Information Services
	HBI CONSTRUCTION	Cole Information Services
	ADAPT ARCHITECTURE INC	Cole Information Services
	VELARA INC	Cole Information Services
	CURTIS ALANATTORNEY AT LAW	Cole Information Services
	LOW ARCHBALD	Cole Information Services
	HEDLEY BUILDERS	Cole Information Services
	HBI CONSTRUCTION	Cole Information Services
	VERTICAL ADVISORS LLP	Cole Information Services
2009	HBI CONSTRUCTION	Cole Information Services
	LAW OFFICES OF CRAYTON CLARK	Cole Information Services
	ANIMATIONS ON LIENS	Cole Information Services
	ZAMUCEN CURREN & HOLMES LLP	Cole Information Services
	LOW ARCHBALD	Cole Information Services
	HEDLEY BUILDERS	Cole Information Services
	CRAYTON CLARK	Cole Information Services
	VERTICAL RESOURCES INC	Cole Information Services
	H B I INC	Cole Information Services
	GRANT & MORASSE	Cole Information Services
	LOW REAL ESTATE INC	Cole Information Services
	COASTAL INVESTMENT PROPERTIES	Cole Information Services
	RUSSELL CHRISTOPHER E LAW OFFS	Cole Information Services
	HBI CONSTRUCTION	Cole Information Services
	LAW OFFICES OF CRAYTON CLARK	Cole Information Services
	ANIMATIONS ON LIENS	Cole Information Services
	ZAMUCEN CURREN & HOLMES LLP	Cole Information Services
	LOW ARCHBALD	Cole Information Services
	HEDLEY BUILDERS	Cole Information Services
	CRAYTON CLARK	Cole Information Services
	RUSSELL CHRISTOPHER E LAW OFFS	Cole Information Services
	H B I INC	Cole Information Services
	GRANT & MORASSE	Cole Information Services
	LOW REAL ESTATE INC	Cole Information Services
	COASTAL INVESTMENT PROPERTIES	Cole Information Services

FINDINGS

Year	Uses	Source
2009	VERTICAL RESOURCES INC	Cole Information Services
2004	SAUNA DEPOT LLC	Cole Information Services
	GRANT & MORASSE APC	Cole Information Services
	PLAYTOES ENTERTAINMENT CO	Cole Information Services
	HBI INC	Cole Information Services
	KS TECH GROUP	Cole Information Services
	CURREN & ASSOCS	Cole Information Services
	COASTAL INVESTMENT PROPERTIES	Cole Information Services
	ZAMUCEN CURREN HLM & HNZCH LLP	Cole Information Services
	THE LAW OFFICES CHRSTPHR RSL	Cole Information Services
	GRANT & MORASSE A PROFESSIONAL	Cole Information Services
	LOW REAL ESTATE	Cole Information Services
	TJ INC	Cole Information Services
	ZAMUCEN & HOLMES	Cole Information Services
	SCOTT RADLEY	Cole Information Services
	DDB ENGINEERING	Cole Information Services
	SAUNA DEPOT LLC	Cole Information Services
	GRANT & MORASSE APC	Cole Information Services
	HBI INC	Cole Information Services
	DDB ENGINEERING	Cole Information Services
	KS TECH GROUP	Cole Information Services
	CURREN & ASSOCS	Cole Information Services
	COASTAL INVESTMENT PROPERTIES	Cole Information Services
	ZAMUCEN CURREN HLM & HNZCH LLP	Cole Information Services
	THE LAW OFFICES CHRSTPHR RSL	Cole Information Services
	GRANT & MORASSE A PROFESSIONAL	Cole Information Services
	LOW REAL ESTATE	Cole Information Services
	TJ INC	Cole Information Services
	ZAMUCEN & HOLMES	Cole Information Services
	SCOTT RADLEY	Cole Information Services
	PLAYTOES ENTERTAINMENT CO	Cole Information Services
2002	CHRISTOPHER ERSSLL	Haines Company
	LWOFCSOF COASTALINVESTMENT	Haines Company
	PROPERTIES	Haines Company
	CURRENACO	Haines Company
	CURTIS ALAN AI TY	Haines Company
	GRANT&MORASSE	Haines Company
	GRANT&MORASSEA	Haines Company

FINDINGS

Year	Uses	Source
2002	PRFSNL CORP HBI CONSTRUCTION	Haines Company
	HEDLEYBUILDE	Haines Company
	RADLEY SCOTT NCPA	Haines Company
	RUSSELL CHRSTPHRE	Haines Company
	LW OFCS OF WELCH JAMES MCPA	Haines Company
	ZAMUCEN&CLOSE	Haines Company
	CHRISTOPHER ERSSLL	Haines Company
	LWOFCSOF COASTALINVESTMENT	Haines Company
	PROPERTIES	Haines Company
	CURRENACO	Haines Company
	CURTIS ALAN AI TY	Haines Company
	GRANT&MORASSE	Haines Company
	GRANT&MORASSEA	Haines Company
	PRFSNL CORP HBI CONSTRUCTION	Haines Company
	HEDLEYBUILDE	Haines Company
	RADLEY SCOTT NCPA	Haines Company
	RUSSELL CHRSTPHRE	Haines Company
	LW OFCS OF WELCH JAMES MCPA	Haines Company
	ZAMUCEN&CLOSE	Haines Company
1999	ALAN CURTIS & ASSOCIATES	Cole Information Services
	CRAYTON CLARK	Cole Information Services
	BERGER STEPHEN W ATTORNEY	Cole Information Services
	GRANT & MORASSE	Cole Information Services
	GRANT & MORASSE A PROFESSIONAL CORPORATION	Cole Information Services
	CHRISTOPHER E RUSSELL LAW OFFICES OF	Cole Information Services
	FERENTZ JEFF DENNIS PROFESSIONAL LAW CORPORATION	Cole Information Services
	STANDARD HOLDING	Cole Information Services
	ZAMUCEN & CLOSE	Cole Information Services
	STRANGE GORDON C ATTORNEY AT LAW	Cole Information Services
	WELCH JAMES M CPA	Cole Information Services
	FIRST CAPITAL LEASING	Cole Information Services
	PATRICK MCRAE INSURANCE SERVICES INCORPORATED	Cole Information Services
	CURREN & COMPANY	Cole Information Services
	PREVENTIVE HEALTHCARE INTERNATIONAL INCORPORATED	Cole Information Services
	COASTAL INVESTMENT PROPERTIES	Cole Information Services

FINDINGS

Year	Uses	Source
1999	HEDLEY BUILDERS INCORPORATED	Cole Information Services
	CURTIS ALAN ATTORNEY AT LAW	Cole Information Services
	RADLEY SCOTT N CPA	Cole Information Services
	ALAN CURTIS & ASSOCIATES	Cole Information Services
	CRAYTON CLARK	Cole Information Services
	BERGER STEPHEN W ATTORNEY	Cole Information Services
	GRANT & MORASSE	Cole Information Services
	GRANT & MORASSE A PROFESSIONAL CORPORATION	Cole Information Services
	CHRISTOPHER E RUSSELL LAW OFFICES OF	Cole Information Services
	FERENTZ JEFF DENNIS PROFESSIONAL LAW CORPORATION	Cole Information Services
	STANDARD HOLDING	Cole Information Services
	ZAMUCEN & CLOSE	Cole Information Services
	STRANGE GORDON C ATTORNEY AT LAW	Cole Information Services
	WELCH JAMES M CPA	Cole Information Services
	PATRICK MCRAE INSURANCE SERVICES INCORPORATED	Cole Information Services
	CURREN & COMPANY	Cole Information Services
	FIRST CAPITAL LEASING	Cole Information Services
	PREVENTIVE HEALTHCARE INTERNATIONAL INCORPORATED	Cole Information Services
	COASTAL INVESTMENT PROPERTIES	Cole Information Services
	HEDLEY BUILDERS INCORPORATED	Cole Information Services
	CURTIS ALAN ATTORNEY AT LAW	Cole Information Services
	RADLEY SCOTT N CPA	Cole Information Services
1994	STREET PEOPLE NEED	Cole Information Services
	BOYCE ADVERTISING	Cole Information Services
	STONE COLE AND CO	Cole Information Services
	COLE STONE & CO	Cole Information Services
	STRUTT & PARKER CALIF	Cole Information Services
	STREET PEOPLE NEED	Cole Information Services
	BOYCE ADVERTISING	Cole Information Services
	STONE COLE AND CO	Cole Information Services
	STRUTT & PARKER CALIF	Cole Information Services
	COLE STONE & CO	Cole Information Services
1991	SPMCorp la Technology Orlrvl	Pacific Bell
	Strutt & Parker Calif	Pacific Bell
	Strutzel JC	Pacific Bell

FINDINGS

Year	Uses	Source
1991	AGS Management Systems	Pacific Bell
	Boyce Advertising	Pacific Bell
	GWH Holding Co	Pacific Bell
	Lee Wayne Company Inc	Pacific Bell
	Lyon William Property Management Co	Pacific Bell
	SPINStreet Peopleln Need Inc	Pacific Bell
	SPMCorp la Technology Orlrvl	Pacific Bell
	Strutt & Parker Calif	Pacific Bell
	Strutzel JC	Pacific Bell
	AGS Management Systems	Pacific Bell
	Boyce Advertising	Pacific Bell
	GWH Holding Co	Pacific Bell
	Lee Wayne Company Inc	Pacific Bell
	Lyon William Property Management Co	Pacific Bell
	SPINStreet Peopleln Need Inc	Pacific Bell
1986	AGS Management Systems	Pacific Bell
	Barone James P Morinello Barons & Holden A Professional Law Corp	Pacific Bell
	Boyce Advertising	Pacific Bell
	Bnggs Robert W Monnello Barone & HoldenA Professional Law Corp	Pacific Bell
	Cambria Equity Group Inc	Pacific Bell
	Caylor Gary M atty	Pacific Bell
	Devine John M Monnello Barone & Holden A Professional Law Corp	Pacific Bell
	Florotas William A Morinello Barone & Holden A Professional Law Corp	Pacific Bell
	Loll Robert A Monnello Barone & HoldenA Professional Law Corp	Pacific Bell
	Marketech	Pacific Bell
	Monnello Barone & Holden A Professional Law Corp	Pacific Bell
	Monnello Carmen A Morinello Barone & Holden A Professional Law Corp	Pacific Bell
	Newport Beach Personal Injury Lawyers	Pacific Bell
	Newport Resources Inc	Pacific Bell
	Nouvelle Inc	Pacific Bell
	Systec Resources Inc	Pacific Bell
	AGS Management Systems	Pacific Bell
	Barone James P Morinello Barons & Holden A Professional Law Corp	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Boyce Advertising	Pacific Bell
	Bnggs Robert W Monnello Barone & HoldenA Professional Law Corp	Pacific Bell
	Cambria Equity Group Inc	Pacific Bell
	Caylor Gary M atty	Pacific Bell
	Devine John M Monnello Barone & Holden A Professional Law Corp	Pacific Bell
	Florotas William A Morinello Barone & Holden A Professional Law Corp	Pacific Bell
	Loll Robert A Monnello Barone & HoldenA Professional Law Corp	Pacific Bell
	Marketech	Pacific Bell
	Monnello Barone & Holden A Professional Law Corp	Pacific Bell
	Monnello Carmen A Morinello Barone & Holden A Professional Law Corp	Pacific Bell
	Newport Beach Personal Injury Lawyers	Pacific Bell
	Newport Resources Inc	Pacific Bell
	Nouvelle Inc	Pacific Bell
	Systec Resources Inc	Pacific Bell
1980	I	Pacific Telephone
	i IE C Financial Corp	Pacific Telephone
	Investors Diversified Services Inc	Pacific Telephone
	Nu West Arizona Inc	Pacific Telephone
	ODonnell John W & Associates	Pacific Telephone
	Pac Devco Inc	Pacific Telephone
	I	Pacific Telephone
	i IE C Financial Corp	Pacific Telephone
	Investors Diversified Services Inc	Pacific Telephone
	Nu West Arizona Inc	Pacific Telephone
	ODonnell John W & Associates	Pacific Telephone
	Pac Devco Inc	Pacific Telephone

4931 BIRCH ST

Year	Uses	Source
2015	COMMERCIAL PROPERTY MANAGEMENT	Cole Information Services
	OKEEFE WM ARCHT	Cole Information Services
	ARCID	Cole Information Services
	OKEEFE WILLIAM ARCHITECTS	Cole Information Services
	CONCEPTUAL DESIGN GROUP	Cole Information Services

FINDINGS

Year	Uses	Source
2015	NRG COMPANY LLC THE	Cole Information Services
	ARC ID CORPORATION	Cole Information Services
	GREEN SOLUTIONS GROUP	Cole Information Services
	EWING DEVELOPMENT	Cole Information Services
	COMMERCIAL PROPERTY MANAGEMENT	Cole Information Services
	OKEEFE WM ARCHT	Cole Information Services
	ARCID	Cole Information Services
	OKEEFE WILLIAM ARCHITECTS	Cole Information Services
	CONCEPTUAL DESIGN GROUP	Cole Information Services
	NRG COMPANY LLC THE	Cole Information Services
	ARC ID CORPORATION	Cole Information Services
	GREEN SOLUTIONS GROUP	Cole Information Services
	EWING DEVELOPMENT	Cole Information Services
2009	HPA HILL PINCKERT ARCHITECTS INC	Cole Information Services
	HPA INC	Cole Information Services
	JAMKAR INC	Cole Information Services
	EWING DEVELOPMENT CO	Cole Information Services
	GLESS ARCHITECTS INC	Cole Information Services
	COMMERCIAL PROPERTY MANAGEMENT	Cole Information Services
	EDWARD T MILPASS ATTORNEY AT LAW	Cole Information Services
	CONCEPTUAL DESIGN GROUP	Cole Information Services
	SJE INVESTMENTS II LLC	Cole Information Services
	HPA HILL PINCKERT ARCHITECTS INC	Cole Information Services
	HPA INC	Cole Information Services
	JAMKAR INC	Cole Information Services
	EWING DEVELOPMENT CO	Cole Information Services
	GLESS ARCHITECTS INC	Cole Information Services
	COMMERCIAL PROPERTY MANAGEMENT	Cole Information Services
	CONCEPTUAL DESIGN GROUP	Cole Information Services
	EDWARD T MILPASS ATTORNEY AT LAW	Cole Information Services
	SJE INVESTMENTS II LLC	Cole Information Services
2004	H PEREIRA	Cole Information Services
	EWING DEVELOPMENT	Cole Information Services
	JAMKAR INC	Cole Information Services
	GLESS ARCHITECTS INC	Cole Information Services

FINDINGS

Year	Uses	Source
2004	HPA INC	Cole Information Services
	POINT DESIGN INTERNATIONAL	Cole Information Services
	ARC ID CORP	Cole Information Services
	H PEREIRA	Cole Information Services
	EWING DEVELOPMENT	Cole Information Services
	JAMKAR INC	Cole Information Services
	GLESS ARCHITECTS INC	Cole Information Services
	POINT DESIGN INTERNATIONAL	Cole Information Services
	HPA INC	Cole Information Services
	ARC ID CORP	Cole Information Services
1999	EWING DEVELOPMENT	Cole Information Services
	GLESS ARCHITECTS	Cole Information Services
	PEREIRA HOSSEINZADEH OKEEFE & INTERIOR DESIGNERS	Cole Information Services
	OKEEFE WILLIAM ARCHITECTS	Cole Information Services
	COMMERCIAL PROPERTY MANAGEMENT	Cole Information Services
	SUTHERLAND JOHN	Cole Information Services
	HILL PINCKERT ARCHITECTS	Cole Information Services
	EWING DEVELOPMENT	Cole Information Services
	GLESS ARCHITECTS	Cole Information Services
	PEREIRA HOSSEINZADEH OKEEFE & INTERIOR DESIGNERS	Cole Information Services
	OKEEFE WILLIAM ARCHITECTS	Cole Information Services
	COMMERCIAL PROPERTY MANAGEMENT	Cole Information Services
	SUTHERLAND JOHN	Cole Information Services
	HILL PINCKERT ARCHITECTS	Cole Information Services
1994	NATIONAL IDEA CTR	Cole Information Services
	GERAGHTY&MILLER INC	Cole Information Services
	EWING DEVELOPMENT	Cole Information Services
	KAPALUA BAY HOTEL & VILLAS	Cole Information Services
	NATIONAL ALTERNATIVE CARE INC	Cole Information Services
	RICHMAN TRNSPTN CO	Cole Information Services
	W P DEVELOPEMENT CORP	Cole Information Services
	BENEFITS PLANNING SVC	Cole Information Services
	FINANCIAL DESIGN GROUP INC	Cole Information Services
	FINNEGAN INTERNATIONAL SALES	Cole Information Services
	JEFFERSON PILOT LIFE INSURANCE	Cole Information Services
	CHURCHILL MORTGAGE CORP	Cole Information Services

FINDINGS

Year	Uses	Source
1994	MLC MEDICAL VENTURES	Cole Information Services
	INFORMIX SOFTWARE	Cole Information Services
	ULTRA NETWORK TECHNOLOGIES	Cole Information Services
	PERFECTION ENTERPRISES	Cole Information Services
	INTERIOR SPACE DESIGN	Cole Information Services
	DBS INC	Cole Information Services
	CANANDAIGUA WINERIES	Cole Information Services
	EMJ CONSULTANTS INC	Cole Information Services
	ARBOIT ASSOCIATES	Cole Information Services
	RICHMAN TRANSPORTATION CO	Cole Information Services
	PFE INC	Cole Information Services
	QUEBECOR PRINTING USA CORP	Cole Information Services
	RICHARD A GARTRELL CPA	Cole Information Services
	MC NEIL ASSOCIATES	Cole Information Services
	GERAGHTY & MILLER INC	Cole Information Services
	NATIONAL IDEA CTR	Cole Information Services
	GERAGHTY&MILLER INC	Cole Information Services
	BENEFITS PLANNING SVC	Cole Information Services
	EWING DEVELOPMENT	Cole Information Services
	KAPALUA BAY HOTEL & VILLAS	Cole Information Services
	FINANCIAL DESIGN GROUP INC	Cole Information Services
	NATIONAL ALTERNATIVE CARE INC	Cole Information Services
	RICHMAN TRNSPTN CO	Cole Information Services
	W P DEVELOPEMENT CORP	Cole Information Services
	FINNEGAN INTERNATIONAL SALES	Cole Information Services
	JEFFERSON PILOT LIFE INSURANCE	Cole Information Services
	CHURCHILL MORTGAGE CORP	Cole Information Services
	MLC MEDICAL VENTURES	Cole Information Services
	INFORMIX SOFTWARE	Cole Information Services
	ULTRA NETWORK TECHNOLOGIES	Cole Information Services
	PERFECTION ENTERPRISES	Cole Information Services
	INTERIOR SPACE DESIGN	Cole Information Services
	DBS INC	Cole Information Services
	CANANDAIGUA WINERIES	Cole Information Services
	EMJ CONSULTANTS INC	Cole Information Services
	ARBOIT ASSOCIATES	Cole Information Services
	RICHMAN TRANSPORTATION CO	Cole Information Services
	PFE INC	Cole Information Services

FINDINGS

Year	Uses	Source
1994	QUEBECOR PRINTING USA CORP	Cole Information Services
	GERAGHTY & MILLER INC	Cole Information Services
	RICHARD A GARTRELL CPA	Cole Information Services
	MC NEIL ASSOCIATES	Cole Information Services
1991	DBS Graphics	Pacific Bell
	Computer Solutions Inc	Pacific Bell
	Cimaron & Associates	Pacific Bell
	Churchill PL	Pacific Bell
	Churchill Mortgage Corp	Pacific Bell
	Arco Capital Corp	Pacific Bell
	Anderson Ralph & Associates	Pacific Bell
	Diversified Business Services	Pacific Bell
	EMJ Consultants Inc	Pacific Bell
	Fidelity Mutual Funds	Pacific Bell
	Geraghty & Miller Inc ground watr serv	Pacific Bell
	PFE Inc	Pacific Bell
	Mc Neil Associates	Pacific Bell
	Informix Software Inc	Pacific Bell
	Diversified Business Services	Pacific Bell
	EMJ Consultants Inc	Pacific Bell
	Fidelity Mutual Funds	Pacific Bell
	Geraghty & Miller Inc ground watr serv	Pacific Bell
	PFE Inc	Pacific Bell
	Mc Neil Associates	Pacific Bell
	Informix Software Inc	Pacific Bell
	DBS Graphics	Pacific Bell
	Computer Solutions Inc	Pacific Bell
	Cimaron & Associates	Pacific Bell
	Churchill PL	Pacific Bell
	Churchill Mortgage Corp	Pacific Bell
	Arco Capital Corp	Pacific Bell
	Anderson Ralph & Associates	Pacific Bell
1986	Diversified Business Services	Pacific Bell
	Diversified Business Services	Pacific Bell
1980	Townsend And Associates Inc	Pacific Telephone
	Townsend Ramon Wells Rich Greene Townsend Inc advg agcy	Pacific Telephone
	Wells Ricli Greene Townsend Inc advg agcy	Pacific Telephone

Year	Uses	Source
1980	Townsend And Associates Inc	Pacific Telephone
	Townsend Ramon Wells Rich Greene Townsend Inc advg agcy	Pacific Telephone
	Wells Ricli Greene Townsend Inc advg agcy	Pacific Telephone

4932 BIRCH ST

Year	Uses	Source
1991	DBS	Pacific Bell
	DBS	Pacific Bell

4982 BIRCH ST

Year	Uses	Source
1991	HASKELL& WHITE CPA	Pacific Bell
	HASKELL& WHITE CPA	Pacific Bell

5000 BIRCH ST

Year	Uses	Source
2015	INSITE REALTY ADVISORS	Cole Information Services
	GARDNER & QUAN INC	Cole Information Services
	JACKSON LEWIS SCHNITZLER & KRUPMAN	Cole Information Services
	BARRY ROY A ATTORNEY AT LAW	Cole Information Services
	SELECTED TRANSPORT INC	Cole Information Services
	DA VINCI COMMUNICATIONS INC	Cole Information Services
	PRECISE PAY	Cole Information Services
	THE TAX COUNSEL	Cole Information Services
	ROBERTS LAW FIRM	Cole Information Services
	ESP FINANCIAL	Cole Information Services
	BRADLEY CURLEY & ASIANO	Cole Information Services
	ABM PARKING SERVICES	Cole Information Services
	CLARITY CAPITAL	Cole Information Services
	SANDI SHIREYKARS MSW	Cole Information Services
	WRAP SODY CAFE	Cole Information Services
	PAPUA NEW GUINEA TOURISM	Cole Information Services
	AMH CUSTOMS CONSULTANTS	Cole Information Services
	HQ	Cole Information Services
	ORION RISK MANAGEMENT INS	Cole Information Services
	DAVINCI COMMUNICATIONS	Cole Information Services
	KOKOKU RUBBER INDUSTRY LTD	Cole Information Services
	LEGATE ROBERT LAW OFFICE OF	Cole Information Services

FINDINGS

Year	Uses	Source
2015	NATIONAL REALTY CONSULTANTS	Cole Information Services
	NEWPORT BEACH LOCKSMITH	Cole Information Services
	MILES C ROSE	Cole Information Services
	MONARCH BAY SECURITIES	Cole Information Services
	RUSHMORE GROUP THE	Cole Information Services
	1ST NATIONWIDE MORTGAGE & REALTY ZI	Cole Information Services
	BRIDGE CAPITAL LTD	Cole Information Services
	HOMEOWNER RESCUE SERVICES	Cole Information Services
	LAW OFFICE OF HANLEY	Cole Information Services
	NEWPORT COAST CAPITAL MANAGEMENT	Cole Information Services
	OLEARY & PARTNERS	Cole Information Services
	RICARDO & GERARDO WOLFE	Cole Information Services
	WORLD CLASS LIMOUSINE	Cole Information Services
	NORTH AMERICAN MORTGAGE	Cole Information Services
	VSS REGIONAL OFFICE	Cole Information Services
	INHOME AUTOMATION	Cole Information Services
	PENCE WEALTH MANAGEMENT INC	Cole Information Services
	EMERALD CREEK GROUP LLC	Cole Information Services
	HARVEY & COMPANY LLC	Cole Information Services
	HENDRICKS & PARTNERS	Cole Information Services
	NATIONSBANK MORTAGE CORP	Cole Information Services
	MISSION TRUST PARTNERS	Cole Information Services
	PILLSBURY WILBUR CPA	Cole Information Services
	PINECREEK INVESTMENTS	Cole Information Services
	EJJ	Cole Information Services
	BELLATOR SPORT WORLDWIDE LLC	Cole Information Services
	BUDC CAPITOL HOLDINGS	Cole Information Services
	ALA LAW GROUP LLP	Cole Information Services
	APELINC LANDSCAPE SERVICES INC	Cole Information Services
	CAPRETZ & ASSOCIATES	Cole Information Services
	LAW OFFIC OF BARRY J GRUMMAN	Cole Information Services
	LAW OFFICES OF REGINA M CAMPBELL	Cole Information Services
	FIVE STAR VACATION RENTAL	Cole Information Services
	LAW OFFIC OF BARRY J GRUMMAN	Cole Information Services
	JACKSON LEWIS SCHNITZLER & KRUPMAN	Cole Information Services
	GARDNER & QUAN INC	Cole Information Services

FINDINGS

Year	Uses	Source
2015	BARRY ROY A ATTORNEY AT LAW	Cole Information Services
	DA VINCI COMMUNICATIONS INC	Cole Information Services
	PRECISE PAY	Cole Information Services
	THE TAX COUNSEL	Cole Information Services
	SELECTED TRANSPORT INC	Cole Information Services
	ROBERTS LAW FIRM	Cole Information Services
	ESP FINANCIAL	Cole Information Services
	BRADLEY CURLEY & ASIANO	Cole Information Services
	ABM PARKING SERVICES	Cole Information Services
	CLARITY CAPITAL	Cole Information Services
	PAPUA NEW GUINEA TOURISM	Cole Information Services
	SANDI SHIREYKARS MSW	Cole Information Services
	WRAP SODY CAFE	Cole Information Services
	AMH CUSTOMS CONSULTANTS	Cole Information Services
	DAVINCI COMMUNICATIONS	Cole Information Services
	HQ	Cole Information Services
	ORION RISK MANAGEMENT INS	Cole Information Services
	KOKOKU RUBBER INDUSTRY LTD	Cole Information Services
	LEGATE ROBERT LAW OFFICE OF	Cole Information Services
	NATIONAL REALTY CONSULTANTS	Cole Information Services
	NEWPORT BEACH LOCKSMITH	Cole Information Services
	MILES C ROSE	Cole Information Services
	MONARCH BAY SECURITIES	Cole Information Services
	1ST NATIONWIDE MORTGAGE & REALTY ZI	Cole Information Services
	RUSHMORE GROUP THE	Cole Information Services
	BRIDGE CAPITAL LTD	Cole Information Services
	HOMEOWNER RESCUE SERVICES	Cole Information Services
	LAW OFFICE OF HANLEY	Cole Information Services
	NEWPORT COAST CAPITAL MANAGEMENT	Cole Information Services
	OLEARY & PARTNERS	Cole Information Services
	RICARDO & GERARDO WOLFE	Cole Information Services
	WORLD CLASS LIMOUSINE	Cole Information Services
	INHOME AUTOMATION	Cole Information Services
	NORTH AMERICAN MORTGAGE	Cole Information Services
	PENCE WEALTH MANAGEMENT INC	Cole Information Services
	VSS REGIONAL OFFICE	Cole Information Services
	EMERALD CREEK GROUP LLC	Cole Information Services

FINDINGS

Year	Uses	Source
2015	HARVEY & COMPANY LLC	Cole Information Services
	HENDRICKS & PARTNERS	Cole Information Services
	NATIONSBANK MORTAGE CORP	Cole Information Services
	PILLSBURY WILBUR CPA	Cole Information Services
	PINECREEK INVESTMENTS	Cole Information Services
	MISSION TRUST PARTNERS	Cole Information Services
	EJJ	Cole Information Services
	BELLATOR SPORT WORLDWIDE LLC	Cole Information Services
	BUDC CAPITOL HOLDINGS	Cole Information Services
	ALA LAW GROUP LLP	Cole Information Services
	APELINC LANDSCAPE SERVICES INC	Cole Information Services
	INSITE REALTY ADVISORS	Cole Information Services
	CAPRETZ & ASSOCIATES	Cole Information Services
	FIVE STAR VACATION RENTAL	Cole Information Services
	LAW OFFICES OF REGINA M CAMPBELL	Cole Information Services
2009	ERIC B RASMUSSEN	Cole Information Services
	TAC WORLDWIDE	Cole Information Services
	STRATEGIX LTD	Cole Information Services
	FIVE CONTINENT ENTERPRISE INC	Cole Information Services
	BARRY GARDNER KINCANNON	Cole Information Services
	DIRECT MEDICAL ADVERTISING	Cole Information Services
	JANOSYS INC	Cole Information Services
	SECOVA INC	Cole Information Services
	CHALLENGER GREY & CHRISTMAS	Cole Information Services
	BERRY GARDNER & KINCANNON	Cole Information Services
	PUROLATOR COURIER LTD	Cole Information Services
	PEACO LLC	Cole Information Services
	AMERICAN FINANCIAL SERVICES	Cole Information Services
	BUSINESS ALLIANCE CAPITAL	Cole Information Services
	SMITH CHARITABLE CONSULTING GR	Cole Information Services
	WOOD SMITH HENNING & BERMAN LLP	Cole Information Services
	LAILA MARSHALL	Cole Information Services
	INTESOURCE INC	Cole Information Services
	LAW OFFICES OF REGINA M CAMPBELL	Cole Information Services
	GARDNER & QUAN INC	Cole Information Services
	ADAPTIVE SOLUTIONS LTD	Cole Information Services
	ADHI SCHOOLS LLC	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2009	HOME HELPERS ORANGE COAST	Cole Information Services
	WINSTED HOLDINGS INC	Cole Information Services
	ERL FOOD SERVICES INC	Cole Information Services
	CAPRETZ & ASSOCIATES	Cole Information Services
	BARRINGTON ESCROW	Cole Information Services
	BARRINGTON INVESTMENTS	Cole Information Services
	FIRST UNION FUNDING INC	Cole Information Services
	ACORDIA OF CALIFORNIA	Cole Information Services
	SALES STREAM CAPITAL	Cole Information Services
	SAROS	Cole Information Services
	JIM MORAN & ASSOCS	Cole Information Services
	CAPITAL NETWORK LEASING CORP	Cole Information Services
	AIR NEW GUINEA	Cole Information Services
	SOVEREIGN BANK	Cole Information Services
	NEWPORT COAST CAPITOL MANAGEMENT	Cole Information Services
	CURTIS ROSENTHAL INC	Cole Information Services
	DB RICHARD ALICE	Cole Information Services
	WILBUR PILLSBURY CPA	Cole Information Services
	APLUSRATE CO INC	Cole Information Services
	MORGAN SILVA INC	Cole Information Services
	LAWRENCE & PONDER IDEAWORKS	Cole Information Services
	HEADQUARTERS GLOBAL WORKPLACES	Cole Information Services
	C W CAPITAL LLC	Cole Information Services
	ECFIRST COM	Cole Information Services
	LAFLAM LAW LLP	Cole Information Services
	CB RICHARD ELLIS INC	Cole Information Services
	SWELDSON & GOTTLIEB	Cole Information Services
	OSHEA DIVINE & CO INC	Cole Information Services
	DATAMIRROR CORP	Cole Information Services
	WORLD CLASS LIMOUSINE	Cole Information Services
	VIGNETTE CORP	Cole Information Services
	MERCURY INTERACTIVE CORP	Cole Information Services
	COLLINS COMMERCIAL CORP	Cole Information Services
	HENDRICKS & PARTNERS	Cole Information Services
	JOSEPH MATTHEW ALIBERTI LAW OFFICE	Cole Information Services
	HARVEY & CO LLC	Cole Information Services
	FRED THIA	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2009	PINECREEK INVESTMENT CO	Cole Information Services
	PAPUA NEW GUINEA TOURISM	Cole Information Services
	DRAGONFLY 8 LLC	Cole Information Services
	BARRY GRUMMANJON LAW OFFICES	Cole Information Services
	BRADLEY CURLEY & ASIANO	Cole Information Services
	ON DEMAND ENTERPRISE	Cole Information Services
	GRIFFIN TRANSPORT LLC	Cole Information Services
	MARTIN & MCCORMICK APC	Cole Information Services
	WASHINGTON MUTUAL BANK	Cole Information Services
	NEOCELL LABORATORIES INC	Cole Information Services
	ZAEPFEL GROUP	Cole Information Services
	LUCKY DOG INVESTMENTS INC	Cole Information Services
	SUCCESS STRATEGIES INSTITUTE YOUR CO	Cole Information Services
	DMP CONSULTING INC	Cole Information Services
	WELLS FARGO PRIVATE ASSET MANAGEMENT	Cole Information Services
	TOWNSEND & OLEARY ENTPS INC	Cole Information Services
	LUXURY MORTGAGE	Cole Information Services
	IMPINJ	Cole Information Services
	INET MEDICAL	Cole Information Services
	OXFORD MERGER S & ACQUISITIONS INC	Cole Information Services
	KNIGHTS BRIDGE HOMES	Cole Information Services
	FERRERO INVESTMENT PARTNERS LP	Cole Information Services
	WELLS FARGO INVESTMENTS LLC	Cole Information Services
	ADDICTIVE BEHAVIOR MANAGEMENT	Cole Information Services
	EPUREDATA INC	Cole Information Services
	CASCADE GRAPHICS SYSTEMS	Cole Information Services
	PARTNERS IN CARE OF THE WEST I	Cole Information Services
	AMH CUSTOMS CONSULTANTS	Cole Information Services
	WELLS FARGO BANK NA	Cole Information Services
	MARY ANN OLSEN	Cole Information Services
	GARY P LVINSON ATTORNEY AT LAW	Cole Information Services
	CITI SECURED DEPOSIT	Cole Information Services
	L & C HULL LLC	Cole Information Services
	WRAP SODY CAFE NEWPORT BEACH	Cole Information Services
	WELLS CAPITAL MANAGEMENT	Cole Information Services
	WILLIS GREGORY C ATTORNEY	Cole Information Services
	STEMCOR USA INC	Cole Information Services

FINDINGS

Year	Uses	Source
2009	STEVEN B KRAY A PROFESSIONAL CORP	Cole Information Services
	STRAGGAS D GEORGE ATTORNEY	Cole Information Services
	DAVINCI COMMUNICATIONS INC	Cole Information Services
	AMPCO SYSTEM PARKING	Cole Information Services
	AMTREX	Cole Information Services
	CITIBANK	Cole Information Services
	JACKSON LEWIS LLP	Cole Information Services
	EVERGREEN HOLDINGS INC	Cole Information Services
	RAND TECHNOLOGIES	Cole Information Services
	STEPHENS & KRAY	Cole Information Services
	OXFORD MARKETING GROUP	Cole Information Services
	PALMCO ENERGY RESOURCES LLC	Cole Information Services
	WOLFBRIDGE PARTNERS	Cole Information Services
	SVG DISTRIBUTION INC	Cole Information Services
	CRAVE ENTERTAINMENT	Cole Information Services
	DIGITAL ADVANTAGE	Cole Information Services
	SATVA REAL ESTATE	Cole Information Services
	WESTON SOLUTIONS INC	Cole Information Services
	THE CMM ADVISORY GROUP	Cole Information Services
	MILLENNIUM RISK MGMT & INS S	Cole Information Services
	REGUS MANAGEMENT GROUP LLC	Cole Information Services
	HANGING WITH MR COOPER CLOTHIERS	Cole Information Services
	STRATEGIX LTD	Cole Information Services
	FIVE CONTINENT ENTERPRISE INC	Cole Information Services
	BARRY GARDNER KINCANNON	Cole Information Services
	DIRECT MEDICAL ADVERTISING	Cole Information Services
	JANOSYS INC	Cole Information Services
	SECOVA INC	Cole Information Services
	THE CMM ADVISORY GROUP	Cole Information Services
	CHALLENGER GREY & CHRISTMAS	Cole Information Services
	BERRY GARDNER & KINCANNON	Cole Information Services
	PUROLATOR COURIER LTD	Cole Information Services
	PEACO LLC	Cole Information Services
	AMERICAN FINANCIAL SERVICES	Cole Information Services
	BUSINESS ALLIANCE CAPITAL	Cole Information Services
	SMITH CHARITABLE CONSULTING GR	Cole Information Services
	WOOD SMITH HENNING & BERMAN LLP	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2009	MILLENNIUM RISK MGMT & INS S	Cole Information Services
	INTESOURCE INC	Cole Information Services
	LAW OFFICES OF REGINA M CAMPBELL	Cole Information Services
	GARDNER & QUAN INC	Cole Information Services
	ADAPTIVE SOLUTIONS LTD	Cole Information Services
	ADHI SCHOOLS LLC	Cole Information Services
	HOME HELPERS ORANGE COAST	Cole Information Services
	WINSTED HOLDINGS INC	Cole Information Services
	LAILA MARSHALL	Cole Information Services
	ERL FOOD SERVICES INC	Cole Information Services
	CAPRETZ & ASSOCIATES	Cole Information Services
	BARRINGTON ESCROW	Cole Information Services
	BARRINGTON INVESTMENTS	Cole Information Services
	FIRST UNION FUNDING INC	Cole Information Services
	ACORDIA OF CALIFORNIA	Cole Information Services
	SALES STREAM CAPITAL	Cole Information Services
	SAROS	Cole Information Services
	JIM MORAN & ASSOCS	Cole Information Services
	CAPITAL NETWORK LEASING CORP	Cole Information Services
	AIR NEW GUINEA	Cole Information Services
	SOVEREIGN BANK	Cole Information Services
	NEWPORT COAST CAPITOL MANAGEMENT	Cole Information Services
	CURTIS ROSENTHAL INC	Cole Information Services
	DB RICHARD ALICE	Cole Information Services
	WILBUR PILLSBURY CPA	Cole Information Services
	APLUSRATE CO INC	Cole Information Services
	C W CAPITAL LLC	Cole Information Services
	ECFIRST COM	Cole Information Services
	LAFLAM LAW LLP	Cole Information Services
	CB RICHARD ELLIS INC	Cole Information Services
	SWELDSON & GOTTLIEB	Cole Information Services
	OSHEA DIVINE & CO INC	Cole Information Services
	DATAMIRROR CORP	Cole Information Services
	WORLD CLASS LIMOUSINE	Cole Information Services
	VIGNETTE CORP	Cole Information Services
	MORGAN SILVA INC	Cole Information Services
	MERCURY INTERACTIVE CORP	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2009	LAWRENCE & PONDER IDEAWORKS	Cole Information Services
	HEADQUARTERS GLOBAL WORKPLACES	Cole Information Services
	COLLINS COMMERCIAL CORP	Cole Information Services
	HENDRICKS & PARTNERS	Cole Information Services
	JOSEPH MATTHEW ALIBERTI LAW OFFICE	Cole Information Services
	HARVEY & CO LLC	Cole Information Services
	FRED THIA	Cole Information Services
	PINECREEK INVESTMENT CO	Cole Information Services
	PAPUA NEW GUINEA TOURISM	Cole Information Services
	DRAGONFLY 8 LLC	Cole Information Services
	BARRY GRUMMANJON LAW OFFICES	Cole Information Services
	BRADLEY CURLEY & ASIANO	Cole Information Services
	ON DEMAND ENTERPRISE	Cole Information Services
	GRIFFIN TRANSPORT LLC	Cole Information Services
	MARTIN & MCCORMICK APC	Cole Information Services
	WASHINGTON MUTUAL BANK	Cole Information Services
	NEOCELL LABORATORIES INC	Cole Information Services
	ZAEPFEL GROUP	Cole Information Services
	LUCKY DOG INVESTMENTS INC	Cole Information Services
	SUCCESS STRATEGIES INSTITUTE YOUR CO	Cole Information Services
	DMP CONSULTING INC	Cole Information Services
	WELLS FARGO PRIVATE ASSET MANAGEMENT	Cole Information Services
	TOWNSEND & OLEARY ENTPS INC	Cole Information Services
	LUXURY MORTGAGE	Cole Information Services
	IMPINJ	Cole Information Services
	INET MEDICAL	Cole Information Services
	OXFORD MERGER S & ACQUISITIONS INC	Cole Information Services
	KNIGHTS BRIDGE HOMES	Cole Information Services
	FERRERO INVESTMENT PARTNERS LP	Cole Information Services
	WELLS FARGO INVESTMENTS LLC	Cole Information Services
	ADDICTIVE BEHAVIOR MANAGEMENT	Cole Information Services
	EPUREDATA INC	Cole Information Services
	CASCADE GRAPHICS SYSTEMS	Cole Information Services
	PARTNERS IN CARE OF THE WEST I	Cole Information Services
	AMH CUSTOMS CONSULTANTS	Cole Information Services

FINDINGS

Year	Uses	Source
2009	WELLS FARGO BANK NA	Cole Information Services
	MARY ANN OLSEN	Cole Information Services
	GARY P LVINSON ATTORNEY AT LAW	Cole Information Services
	CITI SECURED DEPOSIT	Cole Information Services
	L & C HULL LLC	Cole Information Services
	WRAP SODY CAFE NEWPORT BEACH	Cole Information Services
	WELLS CAPITAL MANAGEMENT	Cole Information Services
	WILLIS GREGORY C ATTORNEY	Cole Information Services
	STEMCOR USA INC	Cole Information Services
	STEVEN B KRAY A PROFESSIONAL CORP	Cole Information Services
	STRAGGAS D GEORGE ATTORNEY	Cole Information Services
	DAVINCI COMMUNICATIONS INC	Cole Information Services
	AMPCO SYSTEM PARKING	Cole Information Services
	AMTREX	Cole Information Services
	CITIBANK	Cole Information Services
	EVERGREEN HOLDINGS INC	Cole Information Services
	RAND TECHNOLOGIES	Cole Information Services
	STEPHENS & KRAY	Cole Information Services
	OXFORD MARKETING GROUP	Cole Information Services
	PALMCO ENERGY RESOURCES LLC	Cole Information Services
	WOLFBRIDGE PARTNERS	Cole Information Services
	SVG DISTRIBUTION INC	Cole Information Services
	CRAVE ENTERTAINMENT	Cole Information Services
	DIGITAL ADVANTAGE	Cole Information Services
	JACKSON LEWIS LLP	Cole Information Services
	SATVA REAL ESTATE	Cole Information Services
	WESTON SOLUTIONS INC	Cole Information Services
	REGUS MANAGEMENT GROUP LLC	Cole Information Services
	HANGING WITH MR COOPER CLOTHIERS	Cole Information Services
	ERIC B RASMUSSEN	Cole Information Services
	TAC WORLDWIDE	Cole Information Services
2004	LAWSUIT PREVENTION & MNGMNT	Cole Information Services
	NEWPORT FINANCIAL DIGEST	Cole Information Services
	RESOURCE TECHNOLOGIES CORP	Cole Information Services
	TURNKEY SOLUTIONS	Cole Information Services
	BIZ SERVICES GROUP	Cole Information Services
	AGILE SOFTWARE CORP	Cole Information Services

FINDINGS

Year	Uses	Source
2004	SWELDSON & GOTTLIEB	Cole Information Services
	NORTHERN SKY ENTERPRISES INC	Cole Information Services
	VOCATIONAL ECONOMICS	Cole Information Services
	STEMCOR USA INC	Cole Information Services
	NEOCELL LAB	Cole Information Services
	ELECTRONICS FOR IMAGING INC	Cole Information Services
	BROADINET LLC	Cole Information Services
	ADAPTIVE LIMITED	Cole Information Services
	BANTER	Cole Information Services
	FX FIRST INC	Cole Information Services
	PUROLATOR COURRIER	Cole Information Services
	PILLSBURY WILBUR	Cole Information Services
	JAMES WAYNE	Cole Information Services
	TRAINING CONSORTIUM	Cole Information Services
	GARDENER & QUAN INC	Cole Information Services
	WEBMETHODS	Cole Information Services
	REGIONAL LAND CO	Cole Information Services
	LANE REMI INC	Cole Information Services
	CBA CAPITAL	Cole Information Services
	CHALLENGER GREY & CHRISTMAS	Cole Information Services
	JOHN J STIFTER ATTY AT LAW	Cole Information Services
	WELLS CAPITAL MANAGEMENT	Cole Information Services
	BIO CELL TECHNOLOGY INC	Cole Information Services
	BARRINGTON INVESTMENTS	Cole Information Services
	UNET COMMERCE CO	Cole Information Services
	PENCE WEALTH MNGMNT LPL FNNCL	Cole Information Services
	CITI SECURED DEPOSIT	Cole Information Services
	ZAEPFEL GROUP	Cole Information Services
	TRAVEL VALUES ALERTS CLUB	Cole Information Services
	VERISOURCE INTERNATIONAL	Cole Information Services
	GUAM CELLULAR & PAGING INC	Cole Information Services
	SCOTT ROBERT & ASSOC	Cole Information Services
	AMMAR ISTWANI MD INC	Cole Information Services
	PACIFIC ORTHPDC MDCL MNGMNT	Cole Information Services
	AMERICAN FINANCIAL SERVICES	Cole Information Services
	SPECTRUM PAINTING	Cole Information Services
	PERRICONE GARY LAW OFFICE	Cole Information Services
	HEADQUARTERS GLOBAL WORK PLC	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2004	HANGING WITH MR COOPER CLTHR	Cole Information Services
	AIDS RESEARCH & SUPPORT FNDTN	Cole Information Services
	HYPERION SOLUTIONS CORP	Cole Information Services
	AQUISTION ANALYTICS	Cole Information Services
	WILLIAMS COMPUTERS	Cole Information Services
	PLATINUM AUTOMOTIVE	Cole Information Services
	TRAVEL VALUES ALERT CORP	Cole Information Services
	ECKERD HEALTH SERVICES	Cole Information Services
	LAWRENCE & PONDER IDEA WORKS	Cole Information Services
	LAW OFFICE OF GARY	Cole Information Services
	NEW BEGINNINGS PRSTHTC MNSTRY	Cole Information Services
	MATTHEW RYAN & ASSOCS	Cole Information Services
	TOWER FINANCIAL	Cole Information Services
	FIBERTECH POLYMERS INC	Cole Information Services
	ALLISON APPRAISALS	Cole Information Services
	MITRATECH	Cole Information Services
	DATAMIRROR CORP	Cole Information Services
	CHANDELLE INVESTMENT CORP	Cole Information Services
	MOSKOWITZ & NIXDORF LLP	Cole Information Services
	SAGE NETWORK SOLUTIONS	Cole Information Services
	DRUMMOND & DUCKWORTH	Cole Information Services
	MERCURY INTERACTIVE	Cole Information Services
	BUSINESS ALLIANCE CAPITAL	Cole Information Services
	DIETZ INTERNATIONAL	Cole Information Services
	AIR NEW GUINEA	Cole Information Services
	WRAP SODY CAFE NEWPORT BEACH	Cole Information Services
	HARVEY CO	Cole Information Services
	UPOET SOFTWARE CORP	Cole Information Services
	RAND TECHNOLOGIES	Cole Information Services
	PITTMAN & ASSOCAITES	Cole Information Services
	LAW OFFICE OF GARY LEVINSON	Cole Information Services
	TARANTELLA INC	Cole Information Services
	NEWPORT DEPOSITORY	Cole Information Services
	FIVE CONTINENT ENTERPRISE	Cole Information Services
	SOLBOURNE COMPUTER INC	Cole Information Services
	BARRINGTON ESCROW	Cole Information Services
	HUMMINGBIRD	Cole Information Services
	BUSINESS SERVICES GROUP	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2004	FREDERICK CAPITAL CORP	Cole Information Services
	TURNKEY SOLUTIONS	Cole Information Services
	BIZ SERVICES GROUP	Cole Information Services
	AGILE SOFTWARE CORP	Cole Information Services
	SWELDSON & GOTTLIEB	Cole Information Services
	LAWSUIT PREVENTION & MNGMNT	Cole Information Services
	NEWPORT FINANCIAL DIGEST	Cole Information Services
	RESOURCE TECHNOLOGIES CORP	Cole Information Services
	NORTHERN SKY ENTERPRISES INC	Cole Information Services
	VOCATIONAL ECONOMICS	Cole Information Services
	STEMCOR USA INC	Cole Information Services
	ELECTRONICS FOR IMAGING INC	Cole Information Services
	BROADINET LLC	Cole Information Services
	ADAPTIVE LIMITED	Cole Information Services
	BANTER	Cole Information Services
	FX FIRST INC	Cole Information Services
	PUROLATOR COURRIER	Cole Information Services
	NEOCELL LAB	Cole Information Services
	PILLSBURY WILBUR	Cole Information Services
	JAMES WAYNE	Cole Information Services
	TRAINING CONSORTIUM	Cole Information Services
	GARDENER & QUAN INC	Cole Information Services
	WEBMETHODS	Cole Information Services
	REGIONAL LAND CO	Cole Information Services
	CBA CAPITAL	Cole Information Services
	CHALLENGER GREY & CHRISTMAS	Cole Information Services
	JOHN J STIFTER ATTY AT LAW	Cole Information Services
	WELLS CAPITAL MANAGEMENT	Cole Information Services
	LANE REMI INC	Cole Information Services
	BIO CELL TECHNOLOGY INC	Cole Information Services
	BARRINGTON INVESTMENTS	Cole Information Services
	UNET COMMERCE CO	Cole Information Services
	CITI SECURED DEPOSIT	Cole Information Services
	ZAEPFEL GROUP	Cole Information Services
	TRAVEL VALUES ALERTS CLUB	Cole Information Services
	VERISOURCE INTERNATIONAL	Cole Information Services
	GUAM CELLULAR & PAGING INC	Cole Information Services
	SCOTT ROBERT & ASSOC	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2004	AMMAR ISTWANI MD INC	Cole Information Services
	PENCE WEALTH MNGMNT LPL FNNCL	Cole Information Services
	PACIFIC ORTHPDC MDCL MNGMNT	Cole Information Services
	PERRICONE GARY LAW OFFICE	Cole Information Services
	HEADQUARTERS GLOBAL WORK PLC	Cole Information Services
	HANGING WITH MR COOPER CLTHR	Cole Information Services
	AIDS RESEARCH & SUPPORT FNDTN	Cole Information Services
	HYPERION SOLUTIONS CORP	Cole Information Services
	AMERICAN FINANCIAL SERVICES	Cole Information Services
	AQUISTION ANALYTICS	Cole Information Services
	WILLIAMS COMPUTERS	Cole Information Services
	PLATINUM AUTOMOTIVE	Cole Information Services
	TRAVEL VALUES ALERT CORP	Cole Information Services
	SPECTRUM PAINTING	Cole Information Services
	ECKERD HEALTH SERVICES	Cole Information Services
	LAWRENCE & PONDER IDEA WORKS	Cole Information Services
	TOWER FINANCIAL	Cole Information Services
	FIBERTECH POLYMERS INC	Cole Information Services
	ALLISON APPRAISALS	Cole Information Services
	MITRATECH	Cole Information Services
	DATAMIRROR CORP	Cole Information Services
	CHANDELLE INVESTMENT CORP	Cole Information Services
	LAW OFFICE OF GARY	Cole Information Services
	NEW BEGINNINGS PRSTHTC MNSTRY	Cole Information Services
	MOSKOWITZ & NIXDORF LLP	Cole Information Services
	SAGE NETWORK SOLUTIONS	Cole Information Services
	MATTHEW RYAN & ASSOCS	Cole Information Services
	DRUMMOND & DUCKWORTH	Cole Information Services
	MERCURY INTERACTIVE	Cole Information Services
	BUSINESS ALLIANCE CAPITAL	Cole Information Services
	DIETZ INTERNATIONAL	Cole Information Services
	AIR NEW GUINEA	Cole Information Services
	HUMMINGBIRD	Cole Information Services
	BUSINESS SERVICES GROUP	Cole Information Services
	FREDERICK CAPITAL CORP	Cole Information Services
	BARRINGTON ESCROW	Cole Information Services
	FIVE CONTINENT ENTERPRISE	Cole Information Services
	SOLBOURNE COMPUTER INC	Cole Information Services

FINDINGS

Year	Uses	Source
2004	NEWPORT DEPOSITORY	Cole Information Services
	TARANTELLA INC	Cole Information Services
	PITTMAN & ASSOCAITES	Cole Information Services
	UPOET SOFTWARE CORP	Cole Information Services
	RAND TECHNOLOGIES	Cole Information Services
	HARVEY CO	Cole Information Services
	LAW OFFICE OF GARY LEVINSON	Cole Information Services
	WRAP SODY CAFE NEWPORT BEACH	Cole Information Services
2002	BUILDING AALLISON	Haines Company
	APPRAISALS AOC	Haines Company
	ACCOUNTON US	Haines Company
	ACCOUNTANTS EXEC	Haines Company
	ACCOUNTANTS ON	Haines Company
	CALL ACORDIAOF	Haines Company
	CAUFORNIAINSSV ADAPTIVELIMITED	Haines Company
	AGILESOPTWARE	Haines Company
	CORP AIRNIUGINISLSOFC	Haines Company
	AIRSEP SYSTEMS INC	Haines Company
	ALLIANCEBANK	Haines Company
	ALYDAAR SOFTWARE	Haines Company
	CORP ALYDAARSOFTWARE	Haines Company
	CORP AMERICANHOME	Haines Company
	THEATER AMERICANSOFTWARE	Haines Company
	AMH CUSTOMS	Haines Company
	CONSULTANTS	Haines Company
	BUILDING AALLISON	Haines Company
	APPRAISALS AOC	Haines Company
	ACCOUNTON US	Haines Company
	ACCOUNTANTS EXEC	Haines Company
	ACCOUNTANTS ON	Haines Company
	CALL ACORDIAOF	Haines Company
	CAUFORNIAINSSV ADAPTIVELIMITED	Haines Company
	AGILESOPTWARE	Haines Company
	CORP AIRNIUGINISLSOFC	Haines Company
	AIRSEP SYSTEMS INC	Haines Company
	ALLIANCEBANK	Haines Company
	ALYDAAR SOFTWARE	Haines Company
	CORP ALYDAARSOFTWARE	Haines Company

FINDINGS

Year	Uses	Source
2002	CORP AMERICANHOME	Haines Company
	THEATER AMERICANSOFTWARE	Haines Company
	AMH CUSTOMS	Haines Company
	CONSULTANTS	Haines Company
1999	VS-ONE INCORPORATED	Cole Information Services
	USA TELECHOICE	Cole Information Services
	MATTHEW RYAN & ASSOCIATES	Cole Information Services
	U S FINANCIAL	Cole Information Services
	NORTHERN SKY ENTERPRISES INCORPORATED	Cole Information Services
	TBWA CHIAT DAY	Cole Information Services
	TATA CONSULTANCY SERVICES	Cole Information Services
	INTERLOC DESIGN GROUP	Cole Information Services
	REILY DIXON DESIGNS	Cole Information Services
	KOLL MANAGEMENT SERVICES	Cole Information Services
	CUSTOM SERVICES	Cole Information Services
	INDIGO AMERICA	Cole Information Services
	EQUIS IMAGING INTERNATIONAL	Cole Information Services
	CARDIO PULMONARY DIAGONOSTICS	Cole Information Services
	SIEBEL SYSTEMS	Cole Information Services
	VIGNETTE CORPORATION	Cole Information Services
	MILLENNIUM NETWORK SOLUTIONS	Cole Information Services
	A MOVING EXPERIENCE	Cole Information Services
	AGILE SOFTWARE CORPORATION	Cole Information Services
	BRADLEY CURLEY & ASIANO	Cole Information Services
	AMPCO PARKING	Cole Information Services
	ANDYNE CORPORATION	Cole Information Services
	MCCORMICK KATHY J MARTIN & MCCORMICK APC	Cole Information Services
	PLATINUM AUTOMOTIVE	Cole Information Services
	EZELL LEE EZELL GROUP THE	Cole Information Services
	VCOM	Cole Information Services
	ECKERD HEALTH SERVICE	Cole Information Services
	ULTRA GUIDE	Cole Information Services
	HANGING WITH MR COOPER CLOTHIERS	Cole Information Services
	BEST SOFTWARE	Cole Information Services
	POET SOFTWARE	Cole Information Services
	PACIFIC LIBERTY GROUP	Cole Information Services
	FREDERICK CAPITAL CORPORATION	Cole Information Services

FINDINGS

Year	Uses	Source
1999	GYBEN JOHN PETER ATTORNEY	Cole Information Services
	PROVIDENT FINANCIAL ASSURANCE	Cole Information Services
	EDUCATION TECHNOLOGY	Cole Information Services
	EVERGREEN OIL	Cole Information Services
	CDM CONSULTING INCORPORATED	Cole Information Services
	TOTAL EMPLOYEE RELATIONS	Cole Information Services
	AMH CUSTOMS CONSULTANTS OFFICE	Cole Information Services
	CARR AMERICA	Cole Information Services
	FINERTY JAMES P	Cole Information Services
	WEBER WAYNE R MD INCORPORATED	Cole Information Services
	WELLS FARGO PRIVATE CLIENT SERVICES	Cole Information Services
	STERLING COMMERCE	Cole Information Services
	QUANTUM LEASING	Cole Information Services
	STEPHENS & KRAY ATTORNEYS	Cole Information Services
	DOVE BROTHERS LLC	Cole Information Services
	AMERICAN LENDING CORPORATION	Cole Information Services
	AMERICANS AGAINST ILLEGAL IMMIGRATION	Cole Information Services
	STEPHENS LON T ATTORNEY	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	ALT CORPORATION	Cole Information Services
	MATES CORE USA	Cole Information Services
	SPECTRUM PAINTING	Cole Information Services
	SMARTER BEAUTY PRODUCTS CORPORATION	Cole Information Services
	JACKSON FINANCIAL MANAGEMENT	Cole Information Services
	BRISTOL TECHNOLOGIES SYSTEMS INCORPORATED	Cole Information Services
	INTER CONNECT NETWORK	Cole Information Services
	SMART CORPORATION	Cole Information Services
	SPECTRUM FINANCIAL MANAGEMENT	Cole Information Services
	SIGNATURE TOURS	Cole Information Services
	JUDGES MEDIATION NETWORK	Cole Information Services
	ODB INVESTMENTS	Cole Information Services
	HEPPS SANFORD A MD	Cole Information Services
	HOFFMAN JOHN B ESTATE PLANNING SERVICES	Cole Information Services
	ZITEL CORPORATION	Cole Information Services
	ELLIOTT INVESTMENT COMPANY	Cole Information Services

FINDINGS

Year	Uses	Source
1999	CIMETRIX INCORPORATED	Cole Information Services
	FAX COLLINS FULLER CORPORATION	Cole Information Services
	RCG MANAGEMENT	Cole Information Services
	ADVANCED MARKETING DYNAMICS INCORPORATED	Cole Information Services
	PAPUA NEW GUINEA TOURISM PROMOTION AUTHORITY	Cole Information Services
	STEPHENS REIDEINGER & BELLER CERTIFIED PUBLIC ACCOUNTANTS	Cole Information Services
	CORPORATE SECURITY RESOURCES	Cole Information Services
	MONEY STORE THE	Cole Information Services
	WESTERN INTERSTATE BANCORP	Cole Information Services
	VANTIVE CORPORATION	Cole Information Services
	CONSULTATION	Cole Information Services
	LAWRENCE & MAYO	Cole Information Services
	DIGITAL SYSTEMS	Cole Information Services
	COAMERICA BANK CALIFORNIA	Cole Information Services
	RADIUS	Cole Information Services
	LAMAR OFFICE DESIGN	Cole Information Services
	WOLFBRIDGE PARTNERS	Cole Information Services
	SOUTHWEST SALES	Cole Information Services
	INTEGRATED SPECIALISTS MANAGEMENT SERVICES INCORPORATED	Cole Information Services
	MICRO STRATEGY	Cole Information Services
	SUMMERHILL WARRANTY	Cole Information Services
	VISTA EQUITIES	Cole Information Services
	MAINSTREAM ACCESS	Cole Information Services
	ARROWHEAD TRUST INCORPORATED	Cole Information Services
	WASHINGTON CAPITAL	Cole Information Services
	CYBER SIGN INCORPORATED	Cole Information Services
	DEFAULT MANAGEMENT NETWORKS SOLUTIONS	Cole Information Services
	CS MARKETING SYSTEMS	Cole Information Services
	NATIONS BANC MORTGAGE CORPORATION	Cole Information Services
	NIEDERMAYER MARK REAL ESTATE	Cole Information Services
	INTERCAP GROUP	Cole Information Services
	INTERNET COMMERCE GROUP	Cole Information Services
	TECHNICAL PROVIDER SERVICES	Cole Information Services
	ROBERT SCOTT & ASSOCIATES	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
1999	METROBANK ORANGE COUNTY REGIONAL HEAD OFFICE	Cole Information Services
	RINGLER ASSOCIATES INCORPORATED	Cole Information Services
	SWEDELSON & GOTTLIEB	Cole Information Services
	MARTIN & MCCORMICK APC	Cole Information Services
	VISIONS TRAVEL & TOURS INCORPORATED	Cole Information Services
	FOCUS ON BUSINESS	Cole Information Services
	DISPLAY INSTALLERS INCORPORATED	Cole Information Services
	GULF INVESTMENT GROUP	Cole Information Services
	BIO CELL TECHNOLOGY INCORPORATED	Cole Information Services
	S B A	Cole Information Services
	CHEMICAL ENGINEERING PARTNERS	Cole Information Services
	ADPAK	Cole Information Services
	FREMONT FINANCIAL CORPORATION	Cole Information Services
	PALMCO CORPORATION	Cole Information Services
	FINANCIAL WEST GROUP	Cole Information Services
	NEXT WAVE TECHNOLOGY	Cole Information Services
	HARRELL WRIGHT	Cole Information Services
	STRATEGIC H R SERVICES	Cole Information Services
	EZELL GROUP THE	Cole Information Services
	WESTERN TECHNICAL COMMUNICATION INCORPORATED	Cole Information Services
	SHIVA	Cole Information Services
	MIRA COMMUNICATIONS	Cole Information Services
	SMALL BUSINESS ASSOCIATION	Cole Information Services
	BRIDGE CAPITAL LIMITED	Cole Information Services
	ASIAN OUTREACH	Cole Information Services
	FRX SOFTWARE	Cole Information Services
	TAX PLUS FINANCIAL SERVICES	Cole Information Services
	FARO	Cole Information Services
	GMAC COMMERCIAL MORTGAGE COMPANY	Cole Information Services
	ICON CONSULTING GROUP	Cole Information Services
	COMERICA BANK CALIFORNIA ORNG CNTY REGL HEAD OFFICE	Cole Information Services
	AJILON SERVICES	Cole Information Services
	WORLDWIDE INNOVATIVE MARKETING CONCEPTS INCORPORATED	Cole Information Services

FINDINGS

Year	Uses	Source
1999	EHRLICH ROMINGER ARCHITECTURE	Cole Information Services
	FIVE CONTINENT ENTERPRISE	Cole Information Services
	MERCURY INTERATIVE	Cole Information Services
	MOCROSTRATEGY	Cole Information Services
	CAPP CARE INCORPORATED	Cole Information Services
	COHEN JAY B ATTORNEY	Cole Information Services
	AMERICAN SOFTWARE	Cole Information Services
	A LAW OFFICE OF JAY B COHEN	Cole Information Services
	NATIONSBANC MORTGAGE CORPORATION	Cole Information Services
	WOODBRIDGE & ASSOCIATES	Cole Information Services
	ENSYS ENVIRONMENTAL PRODUCTS INCORPORATED	Cole Information Services
	COLLINS FULLER CORPORATION	Cole Information Services
	CASCADE GRAPHICS SYSTEMS	Cole Information Services
	PINECREEK INVESTMENT COMPANY	Cole Information Services
	CADIX INTERNATIONAL INCORPORATED	Cole Information Services
	WRW CORPORATION	Cole Information Services
	MONICOR	Cole Information Services
	A ALLISON APPRAISALS	Cole Information Services
	ACCOUNTANTS EXECUTIVE SEARCH	Cole Information Services
	STRATEGIC RESOURCE COMPANY	Cole Information Services
	LDC REALIATY SERVICES INCORPORATED	Cole Information Services
	BARCLAY LAW CORPORATION	Cole Information Services
	HOK INCORPORATED	Cole Information Services
	LEPLASTRIER DEVELOPMENT COMPANY INCORPORATED	Cole Information Services
	CHA RELOCATION MANAGEMENT INCORPORATED	Cole Information Services
	COMMERCE ONE	Cole Information Services
	RESOURCE TECHNOLOGIES CORPORATION	Cole Information Services
	KOKOKU RUBBER INDUSTRY LIMITED	Cole Information Services
	DIRECT MEDIA ADVERTISING	Cole Information Services
	EATS	Cole Information Services
	FILETEK	Cole Information Services
	NATIONAL CONFERENCE OF CHRISTIANS AND JEWS	Cole Information Services
	BAY VIEW FINANCIAL	Cole Information Services

FINDINGS

Year	Uses	Source
1999	TELIS FOUNDATION	Cole Information Services
	ARBOR SOFTWARE	Cole Information Services
	NIEUPORT TECHNOLOGY INCORPORATED	Cole Information Services
	ASSET MANAGEMENT LIMITED	Cole Information Services
	ADVANTAGE FINANCIAL ADVISORY GROUP	Cole Information Services
	SUMMIT CORPORATION	Cole Information Services
	FULL TABLES MARKETING	Cole Information Services
	PILLSBURY WILBUR CPA	Cole Information Services
	ORANGE COUNTY LEGAL CLINIC	Cole Information Services
	QUAN JUDY A ATTORNEY	Cole Information Services
	COPIER PRODUCTS CENTER	Cole Information Services
	COMMS PEOPLE INCORPORATED	Cole Information Services
	CERTIFIED CLAIMS SERVICES	Cole Information Services
	RESNICK JONATHAN CPA	Cole Information Services
	INTEGRATED HEALTHCARE STRATEGIES	Cole Information Services
	MAXIM PROPERTY MANAGEMENT	Cole Information Services
	NOVA SOFT INCORPORATED	Cole Information Services
	VEDAX SCIENCES CORPORATION	Cole Information Services
	BELLER SAMI O & COMPANY	Cole Information Services
	HACKETT GROUP THE	Cole Information Services
	MAUTHE ANDREW K ATTORNEY AT LAW	Cole Information Services
	CAPRETZ & RADCLIFFE ATTORNEYS AT LAW	Cole Information Services
	ST STEPHEN UNITED CHURCHES ASSOCIATION	Cole Information Services
	REMI LANE INCORPORATED	Cole Information Services
	PRS ENTERPRISES	Cole Information Services
	MONTGOMERY FINANCIAL SERVICES CORPORATION	Cole Information Services
	STEMCOR USA	Cole Information Services
	MACKENZIE STEEL & ASSOCIATES	Cole Information Services
	CLAREMONT FIRST FINANCIAL	Cole Information Services
	ITS JUST LUNCH	Cole Information Services
	DOCUMENT SOLUTIONS	Cole Information Services
	IIMX	Cole Information Services
	GARDNER & QUAN INCORPORATED ATTORNEYS	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
1999	PUROLATOR	Cole Information Services
	HELLMUTH OBATA & KASSABAUM INCORPORATED	Cole Information Services
	BUSINESS OBJECTS	Cole Information Services
	FAX EZELL	Cole Information Services
	DIGITAL ADVANTAGE	Cole Information Services
	ADAPTIVE MEDIA	Cole Information Services
	AIR NIUGINI REGIONAL SALES OFFICE	Cole Information Services
	D A MANAGEMENT INCORPORATED	Cole Information Services
	MICHELSON GROUP INCORPORATED THE	Cole Information Services
	MIGRATION SOFTWARE SYSTEMS	Cole Information Services
	MILLENNIUM STAFFING	Cole Information Services
	TRUEX TEMPORARY STAFFING	Cole Information Services
	ITS JUST COFFEE INCORPORATED	Cole Information Services
	CHOICE HOTELS ASIA PACIFIC	Cole Information Services
	ENTERPRISE PARTNERS	Cole Information Services
	NATIONSBANK MORTGAGE CORPORATION	Cole Information Services
	KANBAY INCORPORATED	Cole Information Services
	POS SYSTEMS MANAGEMENT	Cole Information Services
	CORNELIUS GROUP THE	Cole Information Services
	FOURGEN SOFTWARE TECHNOLOGIES	Cole Information Services
	VIASOFT	Cole Information Services
	STRATEGIC DIAGNOSTICS	Cole Information Services
	KOLL STRATEGIC H R SERVICES	Cole Information Services
	KRAY STEVEN B ATTORNEY	Cole Information Services
	UCB PHARMACY	Cole Information Services
	SANTA CRUZ OPERATION	Cole Information Services
	EDUTECH	Cole Information Services
	REALTY WORLD CORPORATION	Cole Information Services
	TERREX COMPANY	Cole Information Services
	CHALLENGER GREY AND CHRISTMAS	Cole Information Services
	GEORGE P HOFFMAN ESTATE PLANNING SERVICES	Cole Information Services
	AMERICAN HOME THEATER	Cole Information Services
	AMH CUSTOMS CONSULTANTS	Cole Information Services
	FOSTER DRISCOLL & REYNOLDS	Cole Information Services
	BRADLEY CURLEY ASIANO & MCCARTHY	Cole Information Services

FINDINGS

Year	Uses	Source
1999	COMERICA BANK CALIFORNIA	Cole Information Services
	KOLL CORPORATE ALLIANCE	Cole Information Services
	REILY DIXON DESIGNS	Cole Information Services
	KOLL MANAGEMENT SERVICES	Cole Information Services
	INTERLOC DESIGN GROUP	Cole Information Services
	TBWA CHIAT DAY	Cole Information Services
	TATA CONSULTANCY SERVICES	Cole Information Services
	NORTHERN SKY ENTERPRISES INCORPORATED	Cole Information Services
	MERCURY INTERATIVE	Cole Information Services
	MCCORMICK KATHY J MARTIN & MCCORMICK APC	Cole Information Services
	MOCROSTRATEGY	Cole Information Services
	FIVE CONTINENT ENTERPRISE	Cole Information Services
	PLATINUM AUTOMOTIVE	Cole Information Services
	WORLDWIDE INNOVATIVE MARKETING CONCEPTS INCORPORATED	Cole Information Services
	AMPCO PARKING	Cole Information Services
	ANDYNE CORPORATION	Cole Information Services
	BRADLEY CURLEY & ASIANO	Cole Information Services
	A MOVING EXPERIENCE	Cole Information Services
	AGILE SOFTWARE CORPORATION	Cole Information Services
	VIGNETTE CORPORATION	Cole Information Services
	MILLENNIUM NETWORK SOLUTIONS	Cole Information Services
	SIEBEL SYSTEMS	Cole Information Services
	EQUIS IMAGING INTERNATIONAL	Cole Information Services
	RCG MANAGEMENT	Cole Information Services
	ELLIOTT INVESTMENT COMPANY	Cole Information Services
	CARDIO PULMONARY DIAGONOSTICS	Cole Information Services
	CIMETRIX INCORPORATED	Cole Information Services
	ZITEL CORPORATION	Cole Information Services
	CUSTOM SERVICES	Cole Information Services
	INDIGO AMERICA	Cole Information Services
	HOFFMAN JOHN B ESTATE PLANNING SERVICES	Cole Information Services
	HEPPS SANFORD A MD	Cole Information Services
	JUDGES MEDIATION NETWORK	Cole Information Services
	ODB INVESTMENTS	Cole Information Services
	SIGNATURE TOURS	Cole Information Services

FINDINGS

Year	Uses	Source
1999	SMART CORPORATION	Cole Information Services
	SPECTRUM FINANCIAL MANAGEMENT	Cole Information Services
	STEPHENS REIDEINGER & BELLER CERTIFIED PUBLIC ACCOUNTANTS	Cole Information Services
	INTER CONNECT NETWORK	Cole Information Services
	JACKSON FINANCIAL MANAGEMENT	Cole Information Services
	PAPUA NEW GUINEA TOURISM PROMOTION AUTHORITY	Cole Information Services
	BRISTOL TECHNOLOGIES SYSTEMS INCORPORATED	Cole Information Services
	ADVANCED MARKETING DYNAMICS INCORPORATED	Cole Information Services
	SMARTER BEAUTY PRODUCTS CORPORATION	Cole Information Services
	MATES CORE USA	Cole Information Services
	SPECTRUM PAINTING	Cole Information Services
	FAX COLLINS FULLER CORPORATION	Cole Information Services
	ALT CORPORATION	Cole Information Services
	VANTIVE CORPORATION	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	AMERICANS AGAINST ILLEGAL IMMIGRATION	Cole Information Services
	DOVE BROTHERS LLC	Cole Information Services
	DIRECT MEDIA ADVERTISING	Cole Information Services
	QUANTUM LEASING	Cole Information Services
	STEPHENS & KRAY ATTORNEYS	Cole Information Services
	STERLING COMMERCE	Cole Information Services
	WEBER WAYNE R MD INCORPORATED	Cole Information Services
	WELLS FARGO PRIVATE CLIENT SERVICES	Cole Information Services
	EDUCATION TECHNOLOGY	Cole Information Services
	EVERGREEN OIL	Cole Information Services
	CDM CONSULTING INCORPORATED	Cole Information Services
	TOTAL EMPLOYEE RELATIONS	Cole Information Services
	BEST SOFTWARE	Cole Information Services
	POET SOFTWARE	Cole Information Services
	PACIFIC LIBERTY GROUP	Cole Information Services
	FINERTY JAMES P	Cole Information Services
	FREDERICK CAPITAL CORPORATION	Cole Information Services
	AMH CUSTOMS CONSULTANTS OFFICE	Cole Information Services

FINDINGS

Year	Uses	Source
1999	ULTRA GUIDE	Cole Information Services
	VCOM	Cole Information Services
	ECKERD HEALTH SERVICE	Cole Information Services
	CARR AMERICA	Cole Information Services
	EZELL LEE EZELL GROUP THE	Cole Information Services
	RESOURCE TECHNOLOGIES CORPORATION	Cole Information Services
	KOKOKU RUBBER INDUSTRY LIMITED	Cole Information Services
	CHA RELOCATION MANAGEMENT INCORPORATED	Cole Information Services
	HANGING WITH MR COOPER CLOTHIERS	Cole Information Services
	COMMERCE ONE	Cole Information Services
	LEPLASTRIER DEVELOPMENT COMPANY INCORPORATED	Cole Information Services
	BARCLAY LAW CORPORATION	Cole Information Services
	GYBEN JOHN PETER ATTORNEY	Cole Information Services
	HOK INCORPORATED	Cole Information Services
	PROVIDENT FINANCIAL ASSURANCE	Cole Information Services
	LDC REALIATY SERVICES INCORPORATED	Cole Information Services
	A ALLISON APPRAISALS	Cole Information Services
	ACCOUNTANTS EXECUTIVE SEARCH	Cole Information Services
	WRW CORPORATION	Cole Information Services
	STRATEGIC RESOURCE COMPANY	Cole Information Services
	MONICOR	Cole Information Services
	ENSYS ENVIRONMENTAL PRODUCTS INCORPORATED	Cole Information Services
	NATIONSBANC MORTGAGE CORPORATION	Cole Information Services
	A LAW OFFICE OF JAY B COHEN	Cole Information Services
	COMERICA BANK CALIFORNIA	Cole Information Services
	KOLL CORPORATE ALLIANCE	Cole Information Services
	KOLL STRATEGIC H R SERVICES	Cole Information Services
	KRAY STEVEN B ATTORNEY	Cole Information Services
	UCB PHARMACY	Cole Information Services
	EHRLICH ROMINGER ARCHITECTURE	Cole Information Services
	AJILON SERVICES	Cole Information Services
	ICON CONSULTING GROUP	Cole Information Services
	COHEN JAY B ATTORNEY	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
1999	COMERICA BANK CALIFORNIA ORNG CNTY REGL HEAD OFFICE	Cole Information Services
	GMAC COMMERCIAL MORTGAGE COMPANY	Cole Information Services
	TAX PLUS FINANCIAL SERVICES	Cole Information Services
	FARO	Cole Information Services
	FRX SOFTWARE	Cole Information Services
	BRIDGE CAPITAL LIMITED	Cole Information Services
	AMERICAN SOFTWARE	Cole Information Services
	ASIAN OUTREACH	Cole Information Services
	VS-ONE INCORPORATED	Cole Information Services
	U S FINANCIAL	Cole Information Services
	USA TELECHOICE	Cole Information Services
	MATTHEW RYAN & ASSOCIATES	Cole Information Services
	CAPP CARE INCORPORATED	Cole Information Services
	SMALL BUSINESS ASSOCIATION	Cole Information Services
	MIRA COMMUNICATIONS	Cole Information Services
	WESTERN TECHNICAL COMMUNICATION INCORPORATED	Cole Information Services
	SHIVA	Cole Information Services
	EZELL GROUP THE	Cole Information Services
	CHEMICAL ENGINEERING PARTNERS	Cole Information Services
	HARRELL WRIGHT	Cole Information Services
	BIO CELL TECHNOLOGY INCORPORATED	Cole Information Services
	GULF INVESTMENT GROUP	Cole Information Services
	FOCUS ON BUSINESS	Cole Information Services
	DISPLAY INSTALLERS INCORPORATED	Cole Information Services
	VISIONS TRAVEL & TOURS INCORPORATED	Cole Information Services
	MARTIN & MCCORMICK APC	Cole Information Services
	SWEDELSON & GOTTLIEB	Cole Information Services
	STRATEGIC H R SERVICES	Cole Information Services
	METROBANK ORANGE COUNTY REGIONAL HEAD OFFICE	Cole Information Services
	RINGLER ASSOCIATES INCORPORATED	Cole Information Services
	ROBERT SCOTT & ASSOCIATES	Cole Information Services
	TECHNICAL PROVIDER SERVICES	Cole Information Services
	INTERCAP GROUP	Cole Information Services
	INTERNET COMMERCE GROUP	Cole Information Services

FINDINGS

Year	Uses	Source
1999	NIEDERMAYER MARK REAL ESTATE	Cole Information Services
	NEXT WAVE TECHNOLOGY	Cole Information Services
	NATIONS BANC MORTGAGE CORPORATION	Cole Information Services
	DEFAULT MANAGEMENT NETWORKS SOLUTIONS	Cole Information Services
	CS MARKETING SYSTEMS	Cole Information Services
	CYBER SIGN INCORPORATED	Cole Information Services
	FINANCIAL WEST GROUP	Cole Information Services
	WASHINGTON CAPITAL	Cole Information Services
	FREMONT FINANCIAL CORPORATION	Cole Information Services
	PALMCO CORPORATION	Cole Information Services
	ARROWHEAD TRUST INCORPORATED	Cole Information Services
	ADPAK	Cole Information Services
	VISTA EQUITIES	Cole Information Services
	MAINSTREAM ACCESS	Cole Information Services
	S B A	Cole Information Services
	MICRO STRATEGY	Cole Information Services
	SOUTHWEST SALES	Cole Information Services
	SUMMERHILL WARRANTY	Cole Information Services
	CONSULTATION	Cole Information Services
	INTEGRATED SPECIALISTS MANAGEMENT SERVICES INCORPORATED	Cole Information Services
	LAWRENCE & MAYO	Cole Information Services
	BELLER SAMI O & COMPANY	Cole Information Services
	NOVA SOFT INCORPORATED	Cole Information Services
	WOLFBRIDGE PARTNERS	Cole Information Services
	VEDAX SCIENCES CORPORATION	Cole Information Services
	MAXIM PROPERTY MANAGEMENT	Cole Information Services
	STEPHENS LON T ATTORNEY	Cole Information Services
	EATS	Cole Information Services
	NATIONAL CONFERENCE OF CHRISTIANS AND JEWS	Cole Information Services
	BAY VIEW FINANCIAL	Cole Information Services
	TELIS FOUNDATION	Cole Information Services
	ARBOR SOFTWARE	Cole Information Services
	PILLSBURY WILBUR CPA	Cole Information Services
	FULL TABLES MARKETING	Cole Information Services
	ADVANTAGE FINANCIAL ADVISORY GROUP	Cole Information Services

FINDINGS

Year	Uses	Source
1999	MONEY STORE THE	Cole Information Services
	WESTERN INTERSTATE BANCORP	Cole Information Services
	SUMMIT CORPORATION	Cole Information Services
	NIEUPORT TECHNOLOGY INCORPORATED	Cole Information Services
	CORPORATE SECURITY RESOURCES	Cole Information Services
	ASSET MANAGEMENT LIMITED	Cole Information Services
	FILETEK	Cole Information Services
	AMERICAN LENDING CORPORATION	Cole Information Services
	RADIUS	Cole Information Services
	RESNICK JONATHAN CPA	Cole Information Services
	LAMAR OFFICE DESIGN	Cole Information Services
	INTEGRATED HEALTHCARE STRATEGIES	Cole Information Services
	CERTIFIED CLAIMS SERVICES	Cole Information Services
	COMMS PEOPLE INCORPORATED	Cole Information Services
	COPIER PRODUCTS CENTER	Cole Information Services
	COAMERICA BANK CALIFORNIA	Cole Information Services
	DIGITAL SYSTEMS	Cole Information Services
	ORANGE COUNTY LEGAL CLINIC	Cole Information Services
	QUAN JUDY A ATTORNEY	Cole Information Services
	MACKENZIE STEEL & ASSOCIATES	Cole Information Services
	STEMCOR USA	Cole Information Services
	MONTGOMERY FINANCIAL SERVICES CORPORATION	Cole Information Services
	REMI LANE INCORPORATED	Cole Information Services
	CLAREMONT FIRST FINANCIAL	Cole Information Services
	ITS JUST LUNCH	Cole Information Services
	DOCUMENT SOLUTIONS	Cole Information Services
	IIMX	Cole Information Services
	GARDNER & QUAN INCORPORATED ATTORNEYS	Cole Information Services
	PRS ENTERPRISES	Cole Information Services
	PUROLATOR	Cole Information Services
	HELLMUTH OBATA & KASSABAUM INCORPORATED	Cole Information Services
	BUSINESS OBJECTS	Cole Information Services
	FAX EZELL	Cole Information Services
	DIGITAL ADVANTAGE	Cole Information Services
	ADAPTIVE MEDIA	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
1999	AIR NIUGINI REGIONAL SALES OFFICE	Cole Information Services
	D A MANAGEMENT INCORPORATED	Cole Information Services
	MICHELSON GROUP INCORPORATED THE	Cole Information Services
	MIGRATION SOFTWARE SYSTEMS	Cole Information Services
	MILLENNIUM STAFFING	Cole Information Services
	ST STEPHEN UNITED CHURCHES ASSOCIATION	Cole Information Services
	CAPRETZ & RADCLIFFE ATTORNEYS AT LAW	Cole Information Services
	TRUEX TEMPORARY STAFFING	Cole Information Services
	ITS JUST COFFEE INCORPORATED	Cole Information Services
	CHOICE HOTELS ASIA PACIFIC	Cole Information Services
	ENTERPRISE PARTNERS	Cole Information Services
	NATIONSBANK MORTGAGE CORPORATION	Cole Information Services
	KANBAY INCORPORATED	Cole Information Services
	HACKETT GROUP THE	Cole Information Services
	POS SYSTEMS MANAGEMENT	Cole Information Services
	CORNELIUS GROUP THE	Cole Information Services
	FOURGEN SOFTWARE TECHNOLOGIES	Cole Information Services
	VIASOFT	Cole Information Services
	MAUTHE ANDREW K ATTORNEY AT LAW	Cole Information Services
	STRATEGIC DIAGNOSTICS	Cole Information Services
	SANTA CRUZ OPERATION	Cole Information Services
	CADIX INTERNATIONAL INCORPORATED	Cole Information Services
	CASCADE GRAPHICS SYSTEMS	Cole Information Services
	EDUTECH	Cole Information Services
	REALTY WORLD CORPORATION	Cole Information Services
	TERREX COMPANY	Cole Information Services
	CHALLENGER GREY AND CHRISTMAS	Cole Information Services
	PINECREEK INVESTMENT COMPANY	Cole Information Services
	GEORGE P HOFFMAN ESTATE PLANNING SERVICES	Cole Information Services
	COLLINS FULLER CORPORATION	Cole Information Services
	WOODBRIDGE & ASSOCIATES	Cole Information Services
	AMERICAN HOME THEATER	Cole Information Services
	AMH CUSTOMS CONSULTANTS	Cole Information Services

FINDINGS

Year	Uses	Source
1999	FOSTER DRISCOLL & REYNOLDS	Cole Information Services
	BRADLEY CURLEY ASIANO & MCCARTHY	Cole Information Services
	OMNI OFFICES NEWPORT BEACH	Cole Information Services
	OPTIMA OFFICES	Cole Information Services
	OMNI OFFICES NEWPORT BEACH	Cole Information Services
	OPTIMA OFFICES	Cole Information Services
1994	SHERATON CORP	Cole Information Services
	YAMAMOTO COMMNCTNS	Cole Information Services
	CLARK E H JR	Cole Information Services
	FINANCL SYSTEMS GRP	Cole Information Services
	JANNOTTA BRAY & ASSOC	Cole Information Services
	SANTA CRUZ OPERATN	Cole Information Services
	SPARTAN PRINTING CO	Cole Information Services
	C ROSE MILES	Cole Information Services
	FREDERICK CAPITAL CORP	Cole Information Services
	KROESCHE, THOMAS R	Cole Information Services
	EZELL, HAL	Cole Information Services
	BUJOLD, L R	Cole Information Services
	LEWINTER, MARK E	Cole Information Services
	BERSIN, JEFFREY C	Cole Information Services
	BURNHAM, KEITH	Cole Information Services
	BAKER, JOHN H	Cole Information Services
	CLARK, E H JR	Cole Information Services
	SCHIFF, ROBERT	Cole Information Services
	PAUL CHAMBERLAIN	Cole Information Services
	FULCRUM COMMNCTN	Cole Information Services
	FKQ ADVERTISING	Cole Information Services
	IMARA SYSTEMS CORP	Cole Information Services
	LEGRAND&LEGRAND BND	Cole Information Services
	CORNELIUS GROUP THE	Cole Information Services
	UNEMPLOYMENT TAX	Cole Information Services
	FINANCIAL WEST GROUP	Cole Information Services
	SWEENEY C W&CO INC	Cole Information Services
	UNIPLEX INTGRTN SYS	Cole Information Services
	TOUR AMER WEST INC	Cole Information Services
	THE HOLDEN GROUP	Cole Information Services
	OSWALD MICHAEL ATTY	Cole Information Services
	CHEMICAL ENGRG	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
1994	HOMART DEVELOPMENT	Cole Information Services
	C A D TEAM THE	Cole Information Services
	STONEBRIDGE FNCL SV	Cole Information Services
	WALL DATA INC	Cole Information Services
	SMARTER BTY PRDCTS	Cole Information Services
	DEUTSCHE CRDT CORP	Cole Information Services
	I P L SYSTEMS INC	Cole Information Services
	WHITE WATER CAPITAL	Cole Information Services
	PILLSBURY W CPA	Cole Information Services
	COAST TO COAST ESCROW	Cole Information Services
	TRIPLE FIVE CA DVLP	Cole Information Services
	FIVE CONTINNT ENTP	Cole Information Services
	SUMMERHILL WARRANTY	Cole Information Services
	FIRST INTERSTATE VENTURE CPTL	Cole Information Services
	MT VALLEY LAND CO	Cole Information Services
	TEMPLATE SOFTWARE	Cole Information Services
	KOKOKU RUBBER LTD	Cole Information Services
	PROFIT PARTNERS	Cole Information Services
	FIRST FINANCIAL RESOURCES	Cole Information Services
	A C R MORTGAGE	Cole Information Services
	PARALLAX FNCL CORP	Cole Information Services
	U N I E X INC	Cole Information Services
	FIRST CALIFORNIA FINANCIAL	Cole Information Services
	STROKE PREVENTION	Cole Information Services
	MIDWEST INDEMNITY CORP	Cole Information Services
	LEGACY FINANCIAL PLANNING	Cole Information Services
	ELLIOTT INVESTMENT	Cole Information Services
	METROBANK	Cole Information Services
	PALMCO CORP	Cole Information Services
	S P TELECOMM SALES	Cole Information Services
	SPAR COMMNCTNS GRP	Cole Information Services
	LIBREX SYSTEMS	Cole Information Services
	DIVERSFD DATA	Cole Information Services
	PINECREEK INVST CO	Cole Information Services
	MIRA COMMUNICATIONS	Cole Information Services
	MCELHANNEY GEOSRVYS	Cole Information Services
	A TEAM THE	Cole Information Services
	RINGLER ASSOC INC	Cole Information Services

FINDINGS

Year	Uses	Source
1994	MARKET PRFMNC GRP	Cole Information Services
	WOODBRIDGE & ASSOC	Cole Information Services
	SYSTEMS CENTER	Cole Information Services
	SOFT SWITCH INC	Cole Information Services
	OMNI OFFICES NB	Cole Information Services
	CORPORATE EDUC SERV	Cole Information Services
	ADVANCED MARKETING DYNAMICS	Cole Information Services
	LOGISTECH INC	Cole Information Services
	TAMIYA AMERICA INC	Cole Information Services
	EHRLICH ROMINGER	Cole Information Services
	CASCADE GRPHC SYSTS	Cole Information Services
	INTERCAP GROUP	Cole Information Services
	SHERATON CORP	Cole Information Services
	YAMAMOTO COMMNCTNS	Cole Information Services
	CLARK E H JR	Cole Information Services
	FINANCL SYSTEMS GRP	Cole Information Services
	JANNOTTA BRAY & ASSOC	Cole Information Services
	SANTA CRUZ OPERATN	Cole Information Services
	SPARTAN PRINTING CO	Cole Information Services
	C ROSE MILES	Cole Information Services
	FREDERICK CAPITAL CORP	Cole Information Services
	KROESCHE, THOMAS R	Cole Information Services
	EZELL, HAL	Cole Information Services
	BUJOLD, L R	Cole Information Services
	LEWINTER, MARK E	Cole Information Services
	BERSIN, JEFFREY C	Cole Information Services
	BURNHAM, KEITH	Cole Information Services
	BAKER, JOHN H	Cole Information Services
	CLARK, E H JR	Cole Information Services
	SCHIFF, ROBERT	Cole Information Services
	PAUL CHAMBERLAIN	Cole Information Services
	FULCRUM COMMNCTN	Cole Information Services
	FKQ ADVERTISING	Cole Information Services
	IMARA SYSTEMS CORP	Cole Information Services
	LEGRAND&LEGRAND BND	Cole Information Services
	CORNELIUS GROUP THE	Cole Information Services
	UNEMPLOYMENT TAX	Cole Information Services
	FINANCIAL WEST GROUP	Cole Information Services

FINDINGS

Year	Uses	Source
1994	SWEENEY C W&CO INC	Cole Information Services
	UNIPLEX INTGRTN SYS	Cole Information Services
	TOUR AMER WEST INC	Cole Information Services
	THE HOLDEN GROUP	Cole Information Services
	OSWALD MICHAEL ATTY	Cole Information Services
	CHEMICAL ENGRG	Cole Information Services
	HOMART DEVELOPMENT	Cole Information Services
	C A D TEAM THE	Cole Information Services
	STONEBRIDGE FNCL SV	Cole Information Services
	WALL DATA INC	Cole Information Services
	SMARTER BTY PRDCTS	Cole Information Services
	DEUTSCHE CRDT CORP	Cole Information Services
	I P L SYSTEMS INC	Cole Information Services
	WHITE WATER CAPITAL	Cole Information Services
	TRIPLE FIVE CA DVLP	Cole Information Services
	PILLSBURY W CPA	Cole Information Services
	COAST TO COAST ESCROW	Cole Information Services
	SUMMERHILL WARRANTY	Cole Information Services
	FIVE CONTINNT ENTP	Cole Information Services
	FIRST INTERSTATE VENTURE CPTL	Cole Information Services
	MT VALLEY LAND CO	Cole Information Services
	TEMPLATE SOFTWARE	Cole Information Services
	KOKOKU RUBBER LTD	Cole Information Services
	PROFIT PARTNERS	Cole Information Services
	FIRST FINANCIAL RESOURCES	Cole Information Services
	A C R MORTGAGE	Cole Information Services
	PARALLAX FNCL CORP	Cole Information Services
	U N I E X INC	Cole Information Services
	FIRST CALIFORNIA FINANCIAL	Cole Information Services
	STROKE PREVENTION	Cole Information Services
	MIDWEST INDEMNITY CORP	Cole Information Services
	LEGACY FINANCIAL PLANNING	Cole Information Services
	ELLIOTT INVESTMENT	Cole Information Services
	METROBANK	Cole Information Services
	PALMCO CORP	Cole Information Services
	S P TELECOMM SALES	Cole Information Services
	SPAR COMMNCTNS GRP	Cole Information Services
	LIBREX SYSTEMS	Cole Information Services

FINDINGS

Year	Uses	Source
1994	DIVERSFD DATA	Cole Information Services
	PINECREEK INVST CO	Cole Information Services
	MIRA COMMUNICATIONS	Cole Information Services
	MCELHANNEY GEOSRVYS	Cole Information Services
	A TEAM THE	Cole Information Services
	RINGLER ASSOC INC	Cole Information Services
	MARKET PRFMNC GRP	Cole Information Services
	WOODBRIDGE & ASSOC	Cole Information Services
	SYSTEMS CENTER	Cole Information Services
	SOFT SWITCH INC	Cole Information Services
	OMNI OFFICES NB	Cole Information Services
	CORPORATE EDUC SERV	Cole Information Services
	ADVANCED MARKETING DYNAMICS	Cole Information Services
	LOGISTECH INC	Cole Information Services
	TAMIYA AMERICA INC	Cole Information Services
	EHRLICH ROMINGER	Cole Information Services
	CASCADE GRPHC SYSTS	Cole Information Services
	INTERCAP GROUP	Cole Information Services
1991	Orange County Airport	Pacific Bell
	Day&Night Banking	Pacific Bell
	A J Lane & Co Inc	Pacific Bell
	Pixel Machines	Pacific Bell
	ATT Pixel Machines Sales	Pacific Bell
	ATT Pixel Machines Technical	Pacific Bell
	Adams Michael R atty	Pacific Bell
	Adobe Systems Inc	Pacific Bell
	Air New Guinea	Pacific Bell
	Air Niugini	Pacific Bell
	Air Niugini Regional Sales Office	Pacific Bell
	Amwest Surety Insurance Co	Pacific Bell
	Arbys Inc	Pacific Bell
	Avanti Communications	Pacific Bell
	Bank One Student Loans	Pacific Bell
	Biosomes Beauty Corporation	Pacific Bell
	Blair Rod T atty	Pacific Bell
	Bodine Electric Company	Pacific Bell
	Bread Board Cafe The	Pacific Bell
	Bujold Lawrence R	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Burnes James T Law Offices Of	Pacific Bell
	Burnham Enterprises	Pacific Bell
	Burnham Keith	Pacific Bell
	C Tec Cellular Systems	Pacific Bell
	C N Lyons Development	Pacific Bell
	California Financial Services	Pacific Bell
	Christian Frank	Pacific Bell
	Christian George J	Pacific Bell
	Christian Trader	Pacific Bell
	Bus	Pacific Bell
	Contel Telco Corp	Pacific Bell
	Corporate Homes Of America	Pacific Bell
	Deterministics	Pacific Bell
	Deutsche Credit Corp	Pacific Bell
	Direct Health Inc	Pacific Bell
	Diversified Data & Communications	Pacific Bell
	Dynasty Import	Pacific Bell
	ECS Corporation	Pacific Bell
	Eirlich Rominger Architects	Pacific Bell
	Execucom	Pacific Bell
	Expertelligence	Pacific Bell
	Ezetl Group The	Pacific Bell
	Ezell Hal brell Group The	Pacific Bell
	Ezell Lee bell Group The	Pacific Bell
	Ezell Ministries Inc	Pacific Bell
	Orange County Airport Office	Pacific Bell
	Day & Night Banking	Pacific Bell
	Credit Ratings	Pacific Bell
	Consumer	Pacific Bell
	Credit Ratings	Pacific Bell
	New Accoonts	Pacific Bell
	Notes & Collections	Pacific Bell
	Real Estate	Pacific Bell
	Statements	Pacific Bell
	Trust Division	Pacific Bell
	Departments Not Listed Above	Pacific Bell
	Five Continent Enterprise	Pacific Bell
	FREDERICK CAPITAL CORP	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Frost Craig S	Pacific Bell
	Frost DK..... .	Pacific Bell
	Galfin Ted A atty	Pacific Bell
	Gering Michael C atty	Pacific Bell
	Green Arthur C Accountant A Professional Corporation	Pacific Bell
	Homart Development	Pacific Bell
	Information Dimensions Inc	Pacific Bell
	Interstate Escrow Inc	Pacific Bell
	Intrawest Inc	Pacific Bell
	Irvin William B atty	Pacific Bell
	Jennings Karen Oatty	Pacific Bell
	Kohn Leo Attorney At Law	Pacific Bell
	Kokoku Rubber Industry Ltd	Pacific Bell
	Kray Steven B atty	Pacific Bell
	Legrand & Legrand Bonding & Insurance Agency	Pacific Bell
	Living Rock Enterprises	Pacific Bell
	Market Performance Group	Pacific Bell
	Mc Evers Steven	Pacific Bell
	Mc Guire Group The	Pacific Bell
	Orange County Regional Headquarters Office	Pacific Bell
	Mills Sterling Aerospace	Pacific Bell
	Mills T C	Pacific Bell
	Mills TD	Pacific Bell
	Mills Tara	Pacific Bell
	Mira Communications	Pacific Bell
	From Irsme Telephones Call	Pacific Bell
	Mira Gerard& Colleen @Westminster@	Pacific Bell
	Murphy Joseph M Law Offcies Of	Pacific Bell
	NRC UCA	Pacific Bell
	NRS Inc @Costa Mesa@	Pacific Bell
	Netrlx Corporation	Pacific Bell
	Newton Associates	Pacific Bell
	Omni Off ices Newport Beach	Pacific Bell
	Omm Opathy Products	Pacific Bell
	Omnioffices Newport Beach	Pacific Bell
	Oswald B& Yap	Pacific Bell
	Oswalds Phi Pool Service	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Richards Scott I atty	Pacific Bell
	Rngler Associates Inc	Pacific Bell
	Rmgler Associates Inc	Pacific Bell
	From @Beverly Hills@ Telephones Call	Pacific Bell
	From San Diego Telephones Call	Pacific Bell
	Ross Anderson Capital Management	Pacific Bell
	SIR Services Inc	Pacific Bell
	S & K Enterprises	Pacific Bell
	Santa Cruz Operation	Pacific Bell
	Smarter Beauty Products Corporation	Pacific Bell
	Smyth Lorra Ine K	Pacific Bell
	Smyth P H	Pacific Bell
	Smyth Patricia A	Pacific Bell
	Soft Switch Inc	Pacific Bell
	Stephens Lon Tatty	Pacific Bell
	Suchman Stewart R atty	Pacific Bell
	Syntellect Inc	Pacific Bell
	U S Computer Products	Pacific Bell
	VICorp	Pacific Bell
	Vedax Sciences Corp	Pacific Bell
	WESTERN TECHNICAL COMMUNICATION INC	Pacific Bell
	White Glove Service	Pacific Bell
	Yap Calvin C S atty	Pacific Bell
	Zuken America	Pacific Bell
	Orange County Airport	Pacific Bell
	Day&Night Banking	Pacific Bell
	A J Lane & Co Inc	Pacific Bell
	Pixel Machines	Pacific Bell
	ATT Pixel Machines Sales	Pacific Bell
	ATT Pixel Machines Technical	Pacific Bell
	Adams Michael R atty	Pacific Bell
	Adobe Systems Inc	Pacific Bell
	Air New Guinea	Pacific Bell
	Air Niugini	Pacific Bell
	Air Niugini Regional Sales Office	Pacific Bell
	Amwest Surety Insurance Co	Pacific Bell
	Arbys Inc	Pacific Bell
	Avanti Communications	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Bank One Student Loans	Pacific Bell
	Biosomes Beauty Corporation	Pacific Bell
	Blair Rod T atty	Pacific Bell
	Bodine Electric Company	Pacific Bell
	Bread Board Cafe The	Pacific Bell
	Bujold Lawrence R	Pacific Bell
	Burnes James T Law Offices Of	Pacific Bell
	Burnham Enterprises	Pacific Bell
	Burnham Keith	Pacific Bell
	C Tec Cellular Systems	Pacific Bell
	C N Lyons Development	Pacific Bell
	California Financial Services	Pacific Bell
	Christian Frank	Pacific Bell
	Christian George J	Pacific Bell
	Christian Trader	Pacific Bell
	Bus	Pacific Bell
	Contel Telco Corp	Pacific Bell
	Corporate Homes Of America	Pacific Bell
	Deterministics	Pacific Bell
	Deutsche Credit Corp	Pacific Bell
	Direct Health Inc	Pacific Bell
	Diversified Data & Communications	Pacific Bell
	Dynasty Import	Pacific Bell
	ECS Corporation	Pacific Bell
	Eirlich Rominger Architects	Pacific Bell
	Execucom	Pacific Bell
	Expertelligence	Pacific Bell
	Ezetl Group The	Pacific Bell
	Ezell Hal brell Group The	Pacific Bell
	Ezell Lee bell Group The	Pacific Bell
	Ezell Ministries Inc	Pacific Bell
	Orange County Airport Office	Pacific Bell
	Day & Night Banking	Pacific Bell
	Credit Ratings	Pacific Bell
	Consumer	Pacific Bell
	Credit Ratings	Pacific Bell
	New Accoonts	Pacific Bell
	Notes & Collections	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Real Estate	Pacific Bell
	Statements	Pacific Bell
	Trust Division	Pacific Bell
	Departments Not Listed Above	Pacific Bell
	Five Continent Enterprise	Pacific Bell
	FREDERICK CAPITAL CORP	Pacific Bell
	Frost Craig S	Pacific Bell
	Frost DK..... .	Pacific Bell
	Galfin Ted A atty	Pacific Bell
	Gering Michael C atty	Pacific Bell
	Green Arthur C Accountant A Professional Corporation	Pacific Bell
	Homart Development	Pacific Bell
	Information Dimensions Inc	Pacific Bell
	Interstate Escrow Inc	Pacific Bell
	Intrawest Inc	Pacific Bell
	Irvin William B atty	Pacific Bell
	Jennings Karen Oatty	Pacific Bell
	Kohn Leo Attorney At Law	Pacific Bell
	Kokoku Rubber Industry Ltd	Pacific Bell
	Kray Steven B atty	Pacific Bell
	Legrand & Legrand Bonding & Insurance Agency	Pacific Bell
	Living Rock Enterprises	Pacific Bell
	Market Performance Group	Pacific Bell
	Mc Evers Steven	Pacific Bell
	Mc Guire Group The	Pacific Bell
	Orange County Regional Headquarters Office	Pacific Bell
	Mills Sterling Aerospace	Pacific Bell
	Mills T C	Pacific Bell
	Mills TD	Pacific Bell
	Mills Tara	Pacific Bell
	Mira Communications	Pacific Bell
	From Irsme Telephones Call	Pacific Bell
	Mira Gerard& Colleen @Westminster@	Pacific Bell
	Murphy Joseph M Law Offcies Of	Pacific Bell
	NRC UCA	Pacific Bell
	NRS Inc @Costa Mesa@	Pacific Bell
	Netrlx Corporation	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Newton Associates	Pacific Bell
	Omni Off ices Newport Beach	Pacific Bell
	Omm Opathy Products	Pacific Bell
	Omnioffices Newport Beach	Pacific Bell
	Oswald B& Yap	Pacific Bell
	Oswalds Phi Pool Service	Pacific Bell
	Richards Scott I atty	Pacific Bell
	Rngler Associates Inc	Pacific Bell
	Rmgler Associates Inc	Pacific Bell
	From @Beverly Hills@ Telephones Call	Pacific Bell
	From San Diego Telephones Call	Pacific Bell
	Ross Anderson Capital Management	Pacific Bell
	SIR Services Inc	Pacific Bell
	S & K Enterprises	Pacific Bell
	Santa Cruz Operation	Pacific Bell
	Smarter Beauty Products Corporation	Pacific Bell
	Smyth Lorra Ine K	Pacific Bell
	Smyth P H	Pacific Bell
	Smyth Patricia A	Pacific Bell
	Soft Switch Inc	Pacific Bell
	Stephens Lon Tatty	Pacific Bell
	Suchman Stewart R atty	Pacific Bell
	Syntellect Inc	Pacific Bell
	U S Computer Products	Pacific Bell
	VICorp	Pacific Bell
	Vedax Sciences Corp	Pacific Bell
	WESTERN TECHNICAL COMMUNICATION INC	Pacific Bell
	White Glove Service	Pacific Bell
	Yap Calvin C S atty	Pacific Bell
	Zuken America	Pacific Bell
1986	Adler & Droz Inc	Pacific Bell
	Advanced Micro Devices	Pacific Bell
	Air Niugim	Pacific Bell
	Alleborn Robt A Associates	Pacific Bell
	Amcodyne Inc	Pacific Bell
	American AgnCorp	Pacific Bell
	American Mortgage Bankers	Pacific Bell
	Arete Systems Corp	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Aries Development Co	Pacific Bell
	Awdeh & Co	Pacific Bell
	Beam Gregory B	Pacific Bell
	Bridge Communications Inc	Pacific Bell
	Brown Disc Manufacturing Inc	Pacific Bell
	CMP Publications	Pacific Bell
	CMP Publications	Pacific Bell
	Capital Group The	Pacific Bell
	Capital Properties Of Southern Calif	Pacific Bell
	Capital Star Petroleum	Pacific Bell
	Charter Commercial Brokerage Co	Pacific Bell
	Chase Paper Co	Pacific Bell
	Coastal Venture & Finance	Pacific Bell
	Coldwell Banker	Pacific Bell
	Commerce Clearing House Inc	Pacific Bell
	Corporate Development Associates	Pacific Bell
	Cot Castle & Nicholson attys	Pacific Bell
	Crary Gordon B Atty At Law Schall Boudreau & Gore	Pacific Bell
	Crescent Resources	Pacific Bell
	Danco Management Inc	Pacific Bell
	Dataslink	Pacific Bell
	Digital Switch Company	Pacific Bell
	Dow Jones & Company Inc	Pacific Bell
	Englander Adler & Droz	Pacific Bell
	Englander Group The	Pacific Bell
	Englander Lloyd & Co	Pacific Bell
	Enterprise Partners	Pacific Bell
	Enterprises Partners	Pacific Bell
	Orange County Airport Office	Pacific Bell
	First Interstate Financial Systems	Pacific Bell
	First Venture Capital Corp	Pacific Bell
	Fusion Products International Inc	Pacific Bell
	Gering Michael C atty	Pacific Bell
	Greenleaf Development	Pacific Bell
	Hannes Tulving Rare Coin Investments	Pacific Bell
	Hanover Capitol Corporation	Pacific Bell
	Henslee Stanley C CPA	Pacific Bell
	Hershberger Financial Services	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Hoffman Company The	Pacific Bell
	Homart Development	Pacific Bell
	Impres Inc	Pacific Bell
	Institute For Biological Research & Development Inc	Pacific Bell
	integrated Solutions Inc	Pacific Bell
	Integrated Technologies Inc	Pacific Bell
	Intelledex	Pacific Bell
	Intro Logic Inc	Pacific Bell
	Irvin Wifliam B atty	Pacific Bell
	Jaki Walter M CPA	Pacific Bell
	Japan Travel Bureau	Pacific Bell
	Jones Barry G CPA	Pacific Bell
	Jones Douglas W ft Associates Inc	Pacific Bell
	King Earle V CPA	Pacific Bell
	Krug Gregory C	Pacific Bell
	Legacy Development Company	Pacific Bell
	Legacy Financial Services Inc	Pacific Bell
	Logicware Inc	Pacific Bell
	MBC Financial Services Corporation See Mercantile Canada Corp	Pacific Bell
	MDC Incorporated	Pacific Bell
	Malpass T Edward Atty At Law Schall Boudreau & Gore	Pacific Bell
	Matra Datavislon	Pacific Bell
	Mc Cowan Consultants	Pacific Bell
	Mc Kellar Development Of La Jolla	Pacific Bell
	Mc Kerren John J CPA	Pacific Bell
	Mc Mahan Bros Desk	Pacific Bell
	Mercantile Canada Corporation	Pacific Bell
	Mira Thomas K & Associates	Pacific Bell
	Missler Group Inc	Pacific Bell
	Moore Steve M CPA	Pacific Bell
	Momson Steven C Atty At Law Schall Boudreau & Gore	Pacific Bell
	Mury Tom R CPA	Pacific Bell
	N MR Centers Inc	Pacific Bell
	N MR Centers Inc	Pacific Bell
	Nelson N E & Co Inc	Pacific Bell
	Norrell Divisional Hdqtrs	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Region Headquarters	Pacific Bell
	Newport Beach	Pacific Bell
	Nor Wood Investments	Pacific Bell
	Olympian Stone Company	Pacific Bell
	OMN I OFFICE SN E W PORT BE ACHL A	Pacific Bell
	Paragon Assoc Financial Group Inc	Pacific Bell
	Paragon Associates Financial Group Inc	Pacific Bell
	Perlman Ronald E arty	Pacific Bell
	Peterson Robert A Atty At Law	Pacific Bell
	Philadelphia Life Insurance Co	Pacific Bell
	Physicians Management Group	Pacific Bell
	Porter Don K Associates	Pacific Bell
	R B O Graphics	Pacific Bell
	Raxco inc	Pacific Bell
	Republic Energy	Pacific Bell
	Ryan Timothy F atty	Pacific Bell
	Schall Boudreau & Gore	Pacific Bell
	Servcom Inc	Pacific Bell
	Simon John R atty	Pacific Bell
	Smiley Standley R atty	Pacific Bell
	Smith Sterling A atty	Pacific Bell
	Adler & Droz Inc	Pacific Bell
	Advanced Micro Devices	Pacific Bell
	Air Niugim	Pacific Bell
	Alleborn Robt A Associates	Pacific Bell
	Amcodyne Inc	Pacific Bell
	American AgnCorp	Pacific Bell
	American Mortgage Bankers	Pacific Bell
	Arete Systems Corp	Pacific Bell
	Aries Development Co	Pacific Bell
	Awdeh & Co	Pacific Bell
	Beam Gregory B	Pacific Bell
	Bridge Communications Inc	Pacific Bell
	Brown Disc Manufacturing Inc	Pacific Bell
	CMP Publications	Pacific Bell
	CMP Publications	Pacific Bell
	Capital Group The	Pacific Bell
	Capital Properties Of Southern Calif	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Capital Star Petroleum	Pacific Bell
	Charter Commercial Brokerage Co	Pacific Bell
	Chase Paper Co	Pacific Bell
	Coastal Venture & Finance	Pacific Bell
	Coldwell Banker	Pacific Bell
	Commerce Clearing House Inc	Pacific Bell
	Corporate Development Associates	Pacific Bell
	Cot Castle & Nicholson attys	Pacific Bell
	Crary Gordon B Atty At Law Schall Boudreau & Gore	Pacific Bell
	Crescent Resources	Pacific Bell
	Danco Management Inc	Pacific Bell
	Dataslink	Pacific Bell
	Digital Switch Company	Pacific Bell
	Dow Jones & Company Inc	Pacific Bell
	Englander Adler & Droz	Pacific Bell
	Englander Group The	Pacific Bell
	Englander Lloyd & Co	Pacific Bell
	Enterprise Partners	Pacific Bell
	Enterprises Partners	Pacific Bell
	Orange County Airport Office	Pacific Bell
	First Interstate Financial Systems	Pacific Bell
	First Venture Capital Corp	Pacific Bell
	Fusion Products International Inc	Pacific Bell
	Gering Michael C atty	Pacific Bell
	Greenleaf Development	Pacific Bell
	Hannes Tulving Rare Coin Investments	Pacific Bell
	Hanover Capitol Corporation	Pacific Bell
	Henslee Stanley C CPA	Pacific Bell
	Hershberger Financial Services	Pacific Bell
	Hoffman Company The	Pacific Bell
	Homart Development	Pacific Bell
	Impres Inc	Pacific Bell
	Institute For Biological Research & Development Inc	Pacific Bell
	integrated Solutions Inc	Pacific Bell
	Integrated Technologies Inc	Pacific Bell
	Intelledex	Pacific Bell
	Intro Logic Inc	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Irvin Wifliam B atty	Pacific Bell
	Jaki Walter M CPA	Pacific Bell
	Japan Travel Bureau	Pacific Bell
	Jones Barry G CPA	Pacific Bell
	Jones Douglas W ft Associates Inc	Pacific Bell
	King Earle V CPA	Pacific Bell
	Krug Gregory C	Pacific Bell
	Legacy Development Company	Pacific Bell
	Legacy Financial Services Inc	Pacific Bell
	Logicware Inc	Pacific Bell
	MBC Financial Services Corporation See Mercantile Canada Corp	Pacific Bell
	MDC Incorporated	Pacific Bell
	Malpass T Edward Atty At Law Schall Boudreau & Gore	Pacific Bell
	Matra Datavislon	Pacific Bell
	Mc Cowan Consultants	Pacific Bell
	Mc Kellar Development Of La Jolla	Pacific Bell
	Mc Kerren John J CPA	Pacific Bell
	Mc Mahan Bros Desk	Pacific Bell
	Mercantile Canada Corporation	Pacific Bell
	Mira Thomas K & Associates	Pacific Bell
	Missler Group Inc	Pacific Bell
	Moore Steve M CPA	Pacific Bell
	Momson Steven C Atty At Law Schall Boudreau & Gore	Pacific Bell
	Mury Tom R CPA	Pacific Bell
	N MR Centers Inc	Pacific Bell
	N MR Centers Inc	Pacific Bell
	Nelson N E & Co Inc	Pacific Bell
	Norrell Divisional Hdqtrs	Pacific Bell
	Region Headquarters	Pacific Bell
	Newport Beach	Pacific Bell
	Nor Wood Investments	Pacific Bell
	Olympian Stone Company	Pacific Bell
	OMN I OFFICE SN E W PORT BE ACHL A	Pacific Bell
	Paragon Assoc Financial Group Inc	Pacific Bell
	Paragon Associates Financial Group Inc	Pacific Bell
	Perlman Ronald E arty	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Peterson Robert A Atty At Law	Pacific Bell
	Philadelphia Life Insurance Co	Pacific Bell
	Physicians Management Group	Pacific Bell
	Porter Don K Associates	Pacific Bell
	R B O Graphics	Pacific Bell
	Raxco inc	Pacific Bell
	Republic Energy	Pacific Bell
	Ryan Timothy F atty	Pacific Bell
	Schall Boudreau & Gore	Pacific Bell
	Servcom Inc	Pacific Bell
	Simon John R atty	Pacific Bell
	Smiley Standley R atty	Pacific Bell
	Smith Sterling A atty	Pacific Bell
	Orange County Airport	Pacific Bell
	Orange County Airport	Pacific Bell

5001 BIRCH ST

Year	Uses	Source
2015	ANTHONY	Cole Information Services
	ANTHONY SESSASUCCESSFUL TRIAL ATTOR	Cole Information Services
	CAPITAL VENTURES	Cole Information Services
	ANTHONY SESSA	Cole Information Services
	COURT SERVICES LLC	Cole Information Services
	REMER RADCLIFF CORP	Cole Information Services
	NEWPORT PARK CENTRE	Cole Information Services
	VXL PATENT ILLUSTRATORS	Cole Information Services
	S R & ASSOCIATES	Cole Information Services
	STARLIGHT EDUCATION	Cole Information Services
	MCCOY JULIE M THE LAW OFFICES OF	Cole Information Services
	VLASTA INC	Cole Information Services
	MCCOY JULIE M THE LAW OFFICES OF	Cole Information Services
	STARLIGHT EDUCATION	Cole Information Services
	S R & ASSOCIATES	Cole Information Services
	VXL PATENT ILLUSTRATORS	Cole Information Services
	NEWPORT PARK CENTRE	Cole Information Services
	REMER RADCLIFF CORP	Cole Information Services
	COURT SERVICES LLC	Cole Information Services
	ANTHONY SESSA	Cole Information Services

FINDINGS

Year	Uses	Source
2015	CAPITAL VENTURES	Cole Information Services
	ANTHONY SESSASUCCESSFUL TRIAL ATTOR	Cole Information Services
	ANTHONY	Cole Information Services
	VLASTA INC	Cole Information Services
2009	THE LAW OFFICES OF JULIE M MCCOY	Cole Information Services
	VXL PATENT ILLUSTRATOR	Cole Information Services
	ELECTRONIC RECORDS SOLUTIONS INC	Cole Information Services
	THE LAW OFFICES OF JULIE M MCCOY	Cole Information Services
	VXL PATENT ILLUSTRATOR	Cole Information Services
	ELECTRONIC RECORDS SOLUTIONS INC	Cole Information Services
2004	JEFFREY T MATSEN & ASSOCS	Cole Information Services
	SPORTS 2000 TICKETS & TOURS	Cole Information Services
	UNISOURCE CAP LLC	Cole Information Services
	PFUND PETER LAW OFFICES	Cole Information Services
	EIN COMPUTING INC	Cole Information Services
	COURT SERVICE LLC	Cole Information Services
	NEENAH PAPER	Cole Information Services
	CYBERNET MFG INC	Cole Information Services
	DIVORCE WIZARDS	Cole Information Services
	VANTAGE ASSOCS INC	Cole Information Services
	LAW OFFICE OF JULIE M MCCOY	Cole Information Services
	PACIFIC POINT PROPERTIES INC	Cole Information Services
	PEREIRA & ASSOCS	Cole Information Services
	BJ BURNS & ASSOC	Cole Information Services
	STARLIGHT EDUCATION	Cole Information Services
	SR & ASSOCS	Cole Information Services
	NEWPORT PARK CTR	Cole Information Services
	WORK CREATIONS PROGRAM INC	Cole Information Services
	REALTY EXECUTIVES INTRNTNL	Cole Information Services
	ROBERT SPICER & ASSOCS	Cole Information Services
	LAW OFFICES OF SHERMAN KAPLAN	Cole Information Services
	REMER RADCLIFF CORP	Cole Information Services
	INTELLIGENT OBJECT RELATIONAL	Cole Information Services
	SIERRACOMP	Cole Information Services
	AMERICAN FINANCIAL GROUP	Cole Information Services
	NEWPORT LAW GROUP	Cole Information Services
	GOLDEN HORIZON MORTGAGE INC	Cole Information Services

FINDINGS

Year	Uses	Source
2004	PACIFIC CREST MORTGAGE	Cole Information Services
	ANTHONY SESSA LAW OFFICES	Cole Information Services
	JOSH OZCAKIR	Cole Information Services
	JOHN SHEN	Cole Information Services
	ROD GASTON	Cole Information Services
	ORLANDO CASTANO	Cole Information Services
	JAMES WYATT	Cole Information Services
	ZOLTAN BATA	Cole Information Services
	ELLIE AZHANG	Cole Information Services
	RADCLIFF REMER	Cole Information Services
	LAW NEWPORT	Cole Information Services
	ANTHONY NGUYEN	Cole Information Services
	VICTOR GRUBER ENTERPRISES	Cole Information Services
	HSW SERVICES	Cole Information Services
	JEFFREY T MATSEN & ASSOCS	Cole Information Services
	SPORTS 2000 TICKETS & TOURS	Cole Information Services
	UNISOURCE CAP LLC	Cole Information Services
	PFUND PETER LAW OFFICES	Cole Information Services
	EIN COMPUTING INC	Cole Information Services
	COURT SERVICE LLC	Cole Information Services
	NEENAH PAPER	Cole Information Services
	CYBERNET MFG INC	Cole Information Services
	DIVORCE WIZARDS	Cole Information Services
	LAW OFFICE OF JULIE M MCCOY	Cole Information Services
	PACIFIC POINT PROPERTIES INC	Cole Information Services
	PEREIRA & ASSOCS	Cole Information Services
	VANTAGE ASSOCS INC	Cole Information Services
	BJ BURNS & ASSOC	Cole Information Services
	STARLIGHT EDUCATION	Cole Information Services
	SR & ASSOCS	Cole Information Services
	NEWPORT PARK CTR	Cole Information Services
	WORK CREATIONS PROGRAM INC	Cole Information Services
	REALTY EXECUTIVES INTRNTNL	Cole Information Services
	ROBERT SPICER & ASSOCS	Cole Information Services
	LAW OFFICES OF SHERMAN KAPLAN	Cole Information Services
	REMER RADCLIFF CORP	Cole Information Services
	INTELLIGENT OBJECT RELATIONAL	Cole Information Services
	SIERRACOMP	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2004	AMERICAN FINANCIAL GROUP	Cole Information Services
	NEWPORT LAW GROUP	Cole Information Services
	GOLDEN HORIZON MORTGAGE INC	Cole Information Services
	PACIFIC CREST MORTGAGE	Cole Information Services
	ANTHONY SESSA LAW OFFICES	Cole Information Services
	JOSH OZCAKIR	Cole Information Services
	JOHN SHEN	Cole Information Services
	ROD GASTON	Cole Information Services
	ORLANDO CASTANO	Cole Information Services
	JAMES WYATT	Cole Information Services
	ZOLTAN BATA	Cole Information Services
	ELLIE AZHANG	Cole Information Services
	RADCLIFF REMER	Cole Information Services
	LAW NEWPORT	Cole Information Services
	ANTHONY NGUYEN	Cole Information Services
	VICTOR GRUBER ENTERPRISES	Cole Information Services
	HSW SERVICES	Cole Information Services
2002	BUILDING ADS CONSULTING	Haines Company
	ENGINEERS AMER EQUITY	Haines Company
	PARTNERS	Haines Company
	AZHANGELLIEATTY	Haines Company
	BURNS&ASSOCIATES	Haines Company
	ROYALALLNCE	Haines Company
	CAL QUALITY	Haines Company
	CASTANOORLANDO	Haines Company
	JR ATTY AT LAW COURT SERVICE INC	Haines Company
	CYBERNET	Haines Company
	MANUFACTURING INC CYBERNET	Haines Company
	MANUFACTURING INC DIVORCE WIZARDS	Haines Company
	GLOBALLINK	Haines Company
	CONSULTING GROUP HSW SER	Haines Company
	INTELLIGENTO	Haines Company
	RLTNL TECH INTERFACE	Haines Company
	ARCHITECTURAL	Haines Company
	RSRCS INVESTORS	Haines Company
	MORTGAGE FUNDING	Haines Company
	INC KAPLANSHERMAN	Haines Company
	ATTY MMFX STEEL CORP	Haines Company

FINDINGS

Year	Uses	Source
2002	OF AMERICA MATSENJEFFREYR	Haines Company
	LAW OFFICES NEENAH PAPER CO	Haines Company
	NEWPORT PARK	Haines Company
	CENTRE NEWPRTPARK	Haines Company
	CENTRE NGUYEN ANTHONY	Haines Company
	TUANCPAMS PEREIRA&ASSOC	Haines Company
	REALTY EXECUTIVES	Haines Company
	INT REMERRADCLIFF	Haines Company
	ROBERT 949 475 418 H	Haines Company
	SPICER&ASSOCIATES	Haines Company
	ROYAL ALLIANCE	Haines Company
	ASSOCIATES INC SREASSOCIATES	Haines Company
	SELECTIVEINSURANCE	Haines Company
	SERVICES SESSAANTHONYLAW	Haines Company
	OFFICES OF SPORTS	Haines Company
	TICKETS 4 TOURS ULTRA DESIGN INC	Haines Company
	VANTAGE ASSOCIATES	Haines Company
	INC VESTDAVIDGATm Y	Haines Company
	VESTDAVID G ATTY	Haines Company
	WESTLINNPAPERCO	Haines Company
	WORKCREATION	Haines Company
	PROGRAM WORKCREATIONS	Haines Company
	PROGRAM INC	Haines Company
	BUILDING ADS CONSULTING	Haines Company
	ENGINEERS AMER EQUITY	Haines Company
	PARTNERS	Haines Company
	AZHANGELLIEATTY	Haines Company
	BURNS&ASSOCIATES	Haines Company
	ROYALALLNCE	Haines Company
	CAL QUALITY	Haines Company
	CASTANOORLANDO	Haines Company
	JR ATTY AT LAW COURT SERVICE INC	Haines Company
	CYBERNET	Haines Company
	MANUFACTURING INC CYBERNET	Haines Company
	MANUFACTURING INC DIVORCE WIZARDS	Haines Company
	GLOBALLINK	Haines Company
	CONSULTING GROUP HSW SER	Haines Company
	INTELLIGENTO	Haines Company

FINDINGS

Year	*Uses*	*Source*
2002	RLTNL TECH INTERFACE	Haines Company
	ARCHITECTURAL	Haines Company
	RSRCS INVESTORS	Haines Company
	MORTGAGE FUNDING	Haines Company
	INC KAPLANSHERMAN	Haines Company
	ATTY MMFX STEEL CORP	Haines Company
	OF AMERICA MATSENJEFFREYR	Haines Company
	LAW OFFICES NEENAH PAPER CO	Haines Company
	NEWPORT PARK	Haines Company
	CENTRE NEWPRTPARK	Haines Company
	CENTRE NGUYEN ANTHONY	Haines Company
	TUANCPAMS PEREIRA&ASSOC	Haines Company
	REALTY EXECUTIVES	Haines Company
	INT REMERRADCLIFF	Haines Company
	ROBERT 949 475 418 H	Haines Company
	SPICER&ASSOCIATES	Haines Company
	ROYAL ALLIANCE	Haines Company
	ASSOCIATES INC SREASSOCIATES	Haines Company
	SELECTIVEINSURANCE	Haines Company
	SERVICES SESSAANTHONYLAW	Haines Company
	OFFICES OF SPORTS	Haines Company
	TICKETS 4 TOURS ULTRA DESIGN INC	Haines Company
	VANTAGE ASSOCIATES	Haines Company
	INC VESTDAVIDGATm Y	Haines Company
	VESTDAVID G ATTY	Haines Company
	WESTLINNPAPERCO	Haines Company
	WORKCREATION	Haines Company
	PROGRAM WORKCREATIONS	Haines Company
	PROGRAM INC	Haines Company
1999	CYBERNET MANUFACTURING INCORPORATED	Cole Information Services
	WOOD & ASSOCIATES	Cole Information Services
	FRONTLINE AUTO WHOLESALES	Cole Information Services
	ADS CONSULTING ENGINEERS	Cole Information Services
	RESCUE AMERICA	Cole Information Services
	NEWPORT PARK CENTRE	Cole Information Services
	WHITE & ASSOCIATES	Cole Information Services
	E C T	Cole Information Services

FINDINGS

Year	Uses	Source
1999	LAUNCH MANAGEMENT CORPORATION	Cole Information Services
	BURNS & ASSOCIATES ROYAL ALLIANCE	Cole Information Services
	CAL QUALITY	Cole Information Services
	RAM POWER	Cole Information Services
	WESTLINN PAPER COMPANY	Cole Information Services
	HAWKINS EARLY M ATTORNEY AT LAW	Cole Information Services
	GLOBALLINK CONSULTING GROUP	Cole Information Services
	CASTANO ORLANDO JR ATTORNEY AT LAW	Cole Information Services
	INNOVATIVE DEVICE TECHNOLOGIES	Cole Information Services
	INTERFACE ARCHITECTURAL RESOURCES	Cole Information Services
	FIRST ALLIED SECURITIES INCORPORATED	Cole Information Services
	COURT SERVICE INCORPORATED	Cole Information Services
	WORK CREATION PROGRAM	Cole Information Services
	SELECTIVE INSURANCE SERVICES	Cole Information Services
	STRATEGY MANAGEMENT PROFILES	Cole Information Services
	ALPINE SYSTEMS INCORPORATED	Cole Information Services
	WORK CREATIONS PROGRAM INCORPORATED	Cole Information Services
	R J PROPERTIES	Cole Information Services
	INTELLIGENT OBJECT RELATIONAL TECHNOLOGIES	Cole Information Services
	LITE STEP	Cole Information Services
	MULTI MEDIA PRODUCTIONS	Cole Information Services
	EQUICAP	Cole Information Services
	FUTURE TEK	Cole Information Services
	ULTRA CARD INCORPORATED	Cole Information Services
	O CASTANO	Cole Information Services
	CONCORD GROWTH CORPORATION	Cole Information Services
	G T GLOBAL INCORPORATED	Cole Information Services
	DIVORCE WIZARDS	Cole Information Services
	MATSEN JEFFREY R LAW OFFICES	Cole Information Services
	FIRST AMERICAN CAPITAL GROUP	Cole Information Services
	ROBERT SPICER & ASSOCIATES	Cole Information Services
	CARDINAL TECHNOLOGY	Cole Information Services
	NEENAH PAPER COMPANY	Cole Information Services

FINDINGS

Year	Uses	Source
1999	S R & ASSOCIATES	Cole Information Services
	CYBERNET MANUFACTURING INCORPORATED	Cole Information Services
	WOOD & ASSOCIATES	Cole Information Services
	FRONTLINE AUTO WHOLESALES	Cole Information Services
	ADS CONSULTING ENGINEERS	Cole Information Services
	RESCUE AMERICA	Cole Information Services
	NEWPORT PARK CENTRE	Cole Information Services
	WHITE & ASSOCIATES	Cole Information Services
	E C T	Cole Information Services
	LAUNCH MANAGEMENT CORPORATION	Cole Information Services
	BURNS & ASSOCIATES ROYAL ALLIANCE	Cole Information Services
	CAL QUALITY	Cole Information Services
	RAM POWER	Cole Information Services
	WESTLINN PAPER COMPANY	Cole Information Services
	HAWKINS EARLY M ATTORNEY AT LAW	Cole Information Services
	GLOBALLINK CONSULTING GROUP	Cole Information Services
	CASTANO ORLANDO JR ATTORNEY AT LAW	Cole Information Services
	INNOVATIVE DEVICE TECHNOLOGIES	Cole Information Services
	INTERFACE ARCHITECTURAL RESOURCES	Cole Information Services
	FIRST ALLIED SECURITIES INCORPORATED	Cole Information Services
	COURT SERVICE INCORPORATED	Cole Information Services
	WORK CREATION PROGRAM	Cole Information Services
	SELECTIVE INSURANCE SERVICES	Cole Information Services
	WORK CREATIONS PROGRAM INCORPORATED	Cole Information Services
	STRATEGY MANAGEMENT PROFILES	Cole Information Services
	R J PROPERTIES	Cole Information Services
	INTELLIGENT OBJECT RELATIONAL TECHNOLOGIES	Cole Information Services
	ALPINE SYSTEMS INCORPORATED	Cole Information Services
	LITE STEP	Cole Information Services
	MULTI MEDIA PRODUCTIONS	Cole Information Services
	EQUICAP	Cole Information Services
	FUTURE TEK	Cole Information Services
	ULTRA CARD INCORPORATED	Cole Information Services

FINDINGS

Year	Uses	Source
1999	O CASTANO	Cole Information Services
	CONCORD GROWTH CORPORATION	Cole Information Services
	G T GLOBAL INCORPORATED	Cole Information Services
	DIVORCE WIZARDS	Cole Information Services
	MATSEN JEFFREY R LAW OFFICES	Cole Information Services
	ROBERT SPICER & ASSOCIATES	Cole Information Services
	CARDINAL TECHNOLOGY	Cole Information Services
	NEENAH PAPER COMPANY	Cole Information Services
	FIRST AMERICAN CAPITAL GROUP	Cole Information Services
	S R & ASSOCIATES	Cole Information Services
1994	MICHAEL S MARTIN CPA	Cole Information Services
	LAWRENCE M PERLE CPA	Cole Information Services
	LARRY W LAMB	Cole Information Services
	KLARIN DENNIS ACTNT	Cole Information Services
	E A ENGINEERING SCIENCE & TECH	Cole Information Services
	KLARIN LAMB & MARTIN INC	Cole Information Services
	JEFFREY R MORTON	Cole Information Services
	MICHAEL S MARTIN CPA	Cole Information Services
	LAWRENCE M PERLE CPA	Cole Information Services
	LARRY W LAMB	Cole Information Services
	KLARIN DENNIS ACTNT	Cole Information Services
	E A ENGINEERING SCIENCE & TECH	Cole Information Services
	KLARIN LAMB & MARTIN INC	Cole Information Services
	JEFFREY R MORTON	Cole Information Services
1991	E A Engineering Science & Technology Inc	Pacific Bell
	Klarin Dennis Accountants Inc	Pacific Bell
	Martin Michael Sherwyn Klarin Lamb Accountants Inc	Pacific Bell
	Morton Jeffrey Reid Klarin Lamb & Martin Inc	Pacific Bell
	Perle Lawrence M CPA Klann Lamb & Martin Inc	Pacific Bell
	E A Engineering Science & Technology Inc	Pacific Bell
	Klarin Dennis Accountants Inc	Pacific Bell
	Martin Michael Sherwyn Klarin Lamb Accountants Inc	Pacific Bell
	Morton Jeffrey Reid Klarin Lamb & Martin Inc	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Perle Lawrence M CPA Klann Lamb & Martin Inc	Pacific Bell
1986	Lamb Larry W CPA Klann Dennis Accountants Inc	Pacific Bell
	Martin Michael Sherwyn Klarin Dennis Accountants Inc	Pacific Bell
	St Dennis Kann CPA Klann Dennis Accountants Inc	Pacific Bell
	Lamb Larry W CPA Klann Dennis Accountants Inc	Pacific Bell
	Martin Michael Sherwyn Klarin Dennis Accountants Inc	Pacific Bell
	St Dennis Kann CPA Klann Dennis Accountants Inc	Pacific Bell
1980	Iaei Dennis Accountants Mrc	Pacific Telephone
	Fron Newport Beach Telephones Call	Pacific Telephone
	Consumer Credit Division	Pacific Telephone
	Iaei Dennis Accountants Mrc	Pacific Telephone
	Fron Newport Beach Telephones Call	Pacific Telephone
	Consumer Credit Division	Pacific Telephone

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Year	Uses	Source
2015	LPL FINANCIAL	Cole Information Services
	NEWPORT MORTGAGE FUNDING INC	Cole Information Services
	OUTERCORE	Cole Information Services
	GRAHAM JEFFREY FAX	Cole Information Services
	TRENDSPOTTERS	Cole Information Services
	SAGE RETAIL	Cole Information Services
	ROGER STONE INSURANCE AGENCY	Cole Information Services
	SAGE RETAIL	Cole Information Services
	ROGER STONE INSURANCE AGENCY	Cole Information Services
	GRAHAM JEFFREY FAX	Cole Information Services
	TRENDSPOTTERS	Cole Information Services
	NEWPORT MORTGAGE FUNDING INC	Cole Information Services
	OUTERCORE	Cole Information Services
	LPL FINANCIAL	Cole Information Services
2009	RANDEVOO	Cole Information Services
	ISU INSURANCE SERVICES THE ROGER STO	Cole Information Services
	RMS & ASSOCIATES INC	Cole Information Services
	LPL FINANCIAL SERVICES	Cole Information Services

FINDINGS

Year	Uses	Source
2009	SCARLET KNIGHT & ASSOCIATES LLC	Cole Information Services
	BONVI ENTERPRISES	Cole Information Services
	PLAN B SOLUTIONS INC	Cole Information Services
	AL ESTRADA	Cole Information Services
	SAGE RETAIL	Cole Information Services
	OUTERCORE	Cole Information Services
	HESLIN HOLDINGS INC	Cole Information Services
	PORTFOLIO RX	Cole Information Services
	PATHWAY STRATEGIC PARTNERS	Cole Information Services
	DATABAY INC	Cole Information Services
	TECHNOSUN INC	Cole Information Services
	SUPERWIRE INC	Cole Information Services
	TRENDSETTERS INC	Cole Information Services
	NEWPORT EXECUTIVE SUITES	Cole Information Services
	DIVORCE WIZARDS	Cole Information Services
	AGAPE GROUP LTD	Cole Information Services
	RANDEVOO	Cole Information Services
	ISU INSURANCE SERVICES THE ROGER STO	Cole Information Services
	RMS & ASSOCIATES INC	Cole Information Services
	HESLIN HOLDINGS INC	Cole Information Services
	PATHWAY STRATEGIC PARTNERS	Cole Information Services
	AL ESTRADA	Cole Information Services
	SAGE RETAIL	Cole Information Services
	SCARLET KNIGHT & ASSOCIATES LLC	Cole Information Services
	PLAN B SOLUTIONS INC	Cole Information Services
	LPL FINANCIAL SERVICES	Cole Information Services
	BONVI ENTERPRISES	Cole Information Services
	NEWPORT EXECUTIVE SUITES	Cole Information Services
	AGAPE GROUP LTD	Cole Information Services
	TRENDSETTERS INC	Cole Information Services
	DIVORCE WIZARDS	Cole Information Services
	SUPERWIRE INC	Cole Information Services
	DATABAY INC	Cole Information Services
	TECHNOSUN INC	Cole Information Services
	OUTERCORE	Cole Information Services
	PORTFOLIO RX	Cole Information Services
2004	TRENDSPOTTERS INC	Cole Information Services
	OUTERCORE INC	Cole Information Services

FINDINGS

Year	Uses	Source
2004	LPL FINANCIAL SERVICES	Cole Information Services
	PEOPLEVIEW	Cole Information Services
	RANDEVOO INC	Cole Information Services
	BONVI ENTERPRISES	Cole Information Services
	PATHWAY PARTNERS LLC	Cole Information Services
	TECHNOSUN INC	Cole Information Services
	TRENDSPOTTERS INC	Cole Information Services
	OUTERCORE INC	Cole Information Services
	BONVI ENTERPRISES	Cole Information Services
	RANDEVOO INC	Cole Information Services
	LPL FINANCIAL SERVICES	Cole Information Services
	PEOPLEVIEW	Cole Information Services
	PATHWAY PARTNERS LLC	Cole Information Services
	TECHNOSUN INC	Cole Information Services
2002	BUSINESSSYSTM	Haines Company
	SPECIALTIES INC PACIFIOSYSTEMS INC	Haines Company
	RECRUITSEARCHINC	Haines Company
	SATIN KENNETH A LAW	Haines Company
	TECH COAST	Haines Company
	SOLUTIONS LLC	Haines Company
	BUSINESSSYSTM	Haines Company
	SPECIALTIES INC PACIFIOSYSTEMS INC	Haines Company
	RECRUITSEARCHINC	Haines Company
	SATIN KENNETH A LAW	Haines Company
	TECH COAST	Haines Company
	SOLUTIONS LLC	Haines Company
1999	TECH COAST SYSTEMS LLC	Cole Information Services
	RUSSELL CHRISTOPHER E ATTORNEY	Cole Information Services
	SATIN KENNETH A LAW OFFICES OF	Cole Information Services
	BSSI	Cole Information Services
	TECH COAST SYSTEMS LLC	Cole Information Services
	RUSSELL CHRISTOPHER E ATTORNEY	Cole Information Services
	BSSI	Cole Information Services
	SATIN KENNETH A LAW OFFICES OF	Cole Information Services
1994	FIRST MERIDIAN FINANCIAL CORP	Cole Information Services
	BREAKING THRU	Cole Information Services
	RILEY INSURANCE	Cole Information Services

FINDINGS

Year	Uses	Source
1994	LAFOR LABORATORIES LTD	Cole Information Services
	FIRST MERIDIAN FINANCIAL CORP	Cole Information Services
	RILEY INSURANCE	Cole Information Services
	LAFOR LABORATORIES LTD	Cole Information Services
	BREAKING THRU	Cole Information Services
1991	Birch Properties	Pacific Bell
	First Meridian Financial Corp	Pacific Bell
	Riley Insurance	Pacific Bell
	Topp Fast	Pacific Bell
	Birch Properties	Pacific Bell
	First Meridian Financial Corp	Pacific Bell
	Riley Insurance	Pacific Bell
	Topp Fast	Pacific Bell
1986	Riley Insurance	Pacific Bell
	Potocki Joseph & Associates Inc	Pacific Bell
	B M E Magazine	Pacific Bell
	Bahar Ardeshir Architect	Pacific Bell
	Birch Properties	Pacific Bell
	BIRCH PROPE RTIE S E XE C S UITE S	Pacific Bell
	FIRS T ME RIDIAN CAPITAL CORPORATION	Pacific Bell
	FIRS T ME RIDIAN FIN AN CIAL CORP	Pacific Bell
	Pacific Media Marketing Inc	Pacific Bell
	Pacifica Assoc	Pacific Bell
	Potocki Joseph & Associates Inc	Pacific Bell
	Riley Insurance	Pacific Bell
	B M E Magazine	Pacific Bell
	Bahar Ardeshir Architect	Pacific Bell
	Birch Properties	Pacific Bell
	BIRCH PROPE RTIE S E XE C S UITE S	Pacific Bell
	FIRS T ME RIDIAN CAPITAL CORPORATION	Pacific Bell
	FIRS T ME RIDIAN FIN AN CIAL CORP	Pacific Bell
	Pacific Media Marketing Inc	Pacific Bell
	Pacifica Assoc	Pacific Bell
1980	Baher Ardeshir Architect	Pacific Telephone
	Birch Properties	Pacific Telephone
	Birch Robt N	Pacific Telephone
	Blacklend Properties Inc	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Datavision	Pacific Telephone
	Elliott & Associates	Pacific Telephone
	Fidelity Mutual Life Insurance	Pacific Telephone
	Magazine Networks Inc	Pacific Telephone
	Media Networks Inc	Pacific Telephone
	New Rex Corp	Pacific Telephone
	Optimal Data Systems	Pacific Telephone
	Rile Insurance	Pacific Telephone
	Saunders David G advg	Pacific Telephone
	Shimic Inc	Pacific Telephone
	Baher Ardeshir Architect	Pacific Telephone
	Birch Properties	Pacific Telephone
	Birch Robt N	Pacific Telephone
	Blacklend Properties Inc	Pacific Telephone
	Datavision	Pacific Telephone
	Elliott & Associates	Pacific Telephone
	Fidelity Mutual Life Insurance	Pacific Telephone
	Magazine Networks Inc	Pacific Telephone
	Media Networks Inc	Pacific Telephone
	New Rex Corp	Pacific Telephone
	Optimal Data Systems	Pacific Telephone
	Rile Insurance	Pacific Telephone
	Saunders David G advg	Pacific Telephone
	Shimic Inc	Pacific Telephone

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Year	Uses	Source
2015	U S TAX ASSISTORS	Cole Information Services
	THE STOWELL COMPANY	Cole Information Services
	SEEKNET USA	Cole Information Services
	MAGIC TOUCH HOME CARE	Cole Information Services
	RLH & ASSOCIATES INC	Cole Information Services
	TRIAD YOGA	Cole Information Services
	RDM DISTRIBUTING	Cole Information Services
	INNOPLAST MARKETING	Cole Information Services
	MEYERSON JOANNE	Cole Information Services
	MEYERSON JOANNE	Cole Information Services
	RDM DISTRIBUTING	Cole Information Services
	INNOPLAST MARKETING	Cole Information Services

FINDINGS

Year	Uses	Source
2015	RLH & ASSOCIATES INC	Cole Information Services
	TRIAD YOGA	Cole Information Services
	SEEKNET USA	Cole Information Services
	MAGIC TOUCH HOME CARE	Cole Information Services
	U S TAX ASSISTORS	Cole Information Services
	THE STOWELL COMPANY	Cole Information Services
2009	RLH & ASSOCIATES INC	Cole Information Services
	VAIL CO INC	Cole Information Services
	STOWELL CO	Cole Information Services
	RLH & ASSOCS INC ARCHITECTS & PLANNE	Cole Information Services
	INNO PLAST MARKETING INC	Cole Information Services
	THE GIBSON CO	Cole Information Services
	HOLLISTER INDUSTRIAL ASSOCS	Cole Information Services
	STOWELL DISTRIBUTED POWER LLC	Cole Information Services
	COSMETICREDIT LLC	Cole Information Services
	LEETS CONSORTIUM	Cole Information Services
	EXTENDED IMAGE SALON	Cole Information Services
	HEARTHSTONE HOUSING FOUNDATION	Cole Information Services
	RLH & ASSOCS INC ARCHITECTS & PLANNE	Cole Information Services
	STOWELL CO	Cole Information Services
	RLH & ASSOCIATES INC	Cole Information Services
	VAIL CO INC	Cole Information Services
	HEARTHSTONE HOUSING FOUNDATION	Cole Information Services
	COSMETICREDIT LLC	Cole Information Services
	EXTENDED IMAGE SALON	Cole Information Services
	LEETS CONSORTIUM	Cole Information Services
	HOLLISTER INDUSTRIAL ASSOCS	Cole Information Services
	STOWELL DISTRIBUTED POWER LLC	Cole Information Services
	INNO PLAST MARKETING INC	Cole Information Services
	THE GIBSON CO	Cole Information Services
2004	OXFORD MERGERS & ACQUISITIONS	Cole Information Services
	HASTINGS PARTNERSHIP INC	Cole Information Services
	INNO PLAST MARKETING INC	Cole Information Services
	MYRIAD SOLUTIONS INC	Cole Information Services
	STOWELL CO	Cole Information Services
	BAYSHORE DEVELOPMENT CO	Cole Information Services

FINDINGS

Year	Uses	Source
2004	RUTH H THURLOW	Cole Information Services
	OXFORD MERGERS & ACQUISITIONS	Cole Information Services
	HASTINGS PARTNERSHIP INC	Cole Information Services
	INNO PLAST MARKETING INC	Cole Information Services
	BAYSHORE DEVELOPMENT CO	Cole Information Services
	RUTH H THURLOW	Cole Information Services
	MYRIAD SOLUTIONS INC	Cole Information Services
	STOWELL CO	Cole Information Services
2002	BUILDING BIRCH STREET ARCHS	Haines Company
	HASTINGS	Haines Company
	PARTNERSHIP HASTINGS	Haines Company
	PARTNERSHIP JOELSON	Haines Company
	VAIL&ASSOCIATES MYRIADSOLUTIONS	Haines Company
	OXFORD	Haines Company
	MERGERUACOUISIm IO	Haines Company
	NSINC STOWELLCOMPANY	Haines Company
	THE STUART	Haines Company
	ARCHITECTURE THEANDERSON	Haines Company
	GROUP	Haines Company
	THE NAIL COMPANY 949 250 B	Haines Company
	INC THURLOW RUTH H EDD	Haines Company
	TMEXU	Haines Company
	TMEXUSAINC	Haines Company
	WJSINC	Haines Company
	BUILDING BIRCH STREET ARCHS	Haines Company
	HASTINGS	Haines Company
	PARTNERSHIP HASTINGS	Haines Company
	PARTNERSHIP JOELSON	Haines Company
	VAIL&ASSOCIATES MYRIADSOLUTIONS	Haines Company
	OXFORD	Haines Company
	MERGERUACOUISIm IO	Haines Company
	NSINC STOWELLCOMPANY	Haines Company
	THE STUART	Haines Company
	ARCHITECTURE THEANDERSON	Haines Company
	GROUP	Haines Company
	THE NAIL COMPANY 949 250 B	Haines Company
	INC THURLOW RUTH H EDD	Haines Company

FINDINGS

Year	Uses	Source
2002	TMEXU	Haines Company
	TMEXUSAINC	Haines Company
	WJSINC	Haines Company
1999	OXFORD MERGER & ACQUISITIONS INCORPORATED	Cole Information Services
	WJS INCORPORATED	Cole Information Services
	HASTINGS PARTNERSHIP	Cole Information Services
	BIRCH STREET ARCHITECTS	Cole Information Services
	WOODARD STEWART AIA	Cole Information Services
	BISHOP & JOELSON	Cole Information Services
	STUART ARCHITECTURE	Cole Information Services
	TMEX USA INCORPORATED	Cole Information Services
	JOELSON VAIL & ASSOCIATES	Cole Information Services
	GEORGE JACK M & ASSOCIATES	Cole Information Services
	MYRIAD SOLUTIONS	Cole Information Services
	THE ANDERSON GROUP	Cole Information Services
	VECTRON INTERNATIONAL	Cole Information Services
	THE NAIL COMPANY INCORPORATED	Cole Information Services
	STOWELL COMPANY THE	Cole Information Services
	ENVIROVISION	Cole Information Services
	STOWELL COMPANY THE	Cole Information Services
	OXFORD MERGER & ACQUISITIONS INCORPORATED	Cole Information Services
	THE NAIL COMPANY INCORPORATED	Cole Information Services
	THE ANDERSON GROUP	Cole Information Services
	VECTRON INTERNATIONAL	Cole Information Services
	GEORGE JACK M & ASSOCIATES	Cole Information Services
	MYRIAD SOLUTIONS	Cole Information Services
	BIRCH STREET ARCHITECTS	Cole Information Services
	WOODARD STEWART AIA	Cole Information Services
	STUART ARCHITECTURE	Cole Information Services
	BISHOP & JOELSON	Cole Information Services
	TMEX USA INCORPORATED	Cole Information Services
	JOELSON VAIL & ASSOCIATES	Cole Information Services
	WJS INCORPORATED	Cole Information Services
	HASTINGS PARTNERSHIP	Cole Information Services
	ENVIROVISION	Cole Information Services
1994	WOODARD GROUP	Cole Information Services
	CAPITAL FUNDING GROUP	Cole Information Services

FINDINGS

Year	Uses	Source
1994	MAGLIORINI&ASSOCTS	Cole Information Services
	NADINE ZATLIN	Cole Information Services
	ZATLIN, NADINE	Cole Information Services
	THURLOW RUTH H EDD	Cole Information Services
	POWELL, PAT	Cole Information Services
	PATRICIA A LE BLANC	Cole Information Services
	JACK M GEORGE & ASSOC	Cole Information Services
	WJS INC	Cole Information Services
	BOWMAN & BOWMAN ASSOC INC	Cole Information Services
	WOODARD GROUP	Cole Information Services
	CAPITAL FUNDING GROUP	Cole Information Services
	ZATLIN, NADINE	Cole Information Services
	THURLOW RUTH H EDD	Cole Information Services
	MAGLIORINI&ASSOCTS	Cole Information Services
	NADINE ZATLIN	Cole Information Services
	WJS INC	Cole Information Services
	BOWMAN & BOWMAN ASSOC INC	Cole Information Services
	PATRICIA A LE BLANC	Cole Information Services
	JACK M GEORGE & ASSOC	Cole Information Services
	POWELL, PAT	Cole Information Services
1991	Public Policy Systems	Pacific Bell
	Powell Pat MFT MA	Pacific Bell
	Powell Pat MFT MA	Pacific Bell
	Public Policy Systems	Pacific Bell
1986	Sanborn Company The advg	Pacific Bell
	PE N N IMAN & CO land & investment	Pacific Bell
	I C I Brokers	Pacific Bell
	Stockton Hidey Associates	Pacific Bell
	BATE S JOHN AS S OCIATE S	Pacific Bell
	Crawford William M Company Inc	Pacific Bell
	Dania Securities Inc	Pacific Bell
	Sanborn Company The advg	Pacific Bell
	PE N N IMAN & CO land & investment	Pacific Bell
	I C I Brokers	Pacific Bell
	BATE S JOHN AS S OCIATE S	Pacific Bell
	Crawford William M Company Inc	Pacific Bell
	Dania Securities Inc	Pacific Bell
	Stockton Hidey Associates	Pacific Bell

Year	Uses	Source
1980	BATE S & PE KARE K arcit	Pacific Telephone
	Heath Benjamin W	Pacific Telephone
	Heath Bethora M	Pacific Telephone
	PE N N IMAN & CO land & investment	Pacific Telephone
	BATE S & PE KARE K arcit	Pacific Telephone
	Heath Benjamin W	Pacific Telephone
	Heath Bethora M	Pacific Telephone
	PE N N IMAN & CO land & investment	Pacific Telephone

E BIRCH ST

5000 E BIRCH ST

Year	Uses	Source
1995	Saros	Pacific Bell
	Saros	Pacific Bell

N BIRCH ST

4931 N BIRCH ST

Year	Uses	Source
1991	Arboit Associates	Pacific Bell
	Arboit Associates	Pacific Bell

5000 N BIRCH ST

Year	Uses	Source
1991	Tour America West Inc	Pacific Bell
	Tour Desk Inc	Pacific Bell
	Tour America West Inc	Pacific Bell
	Tour Desk Inc	Pacific Bell

5015 N BIRCH ST

Year	Uses	Source
1980	VIstar Investment Company	Pacific Telephone
	VIstar Investment Company	Pacific Telephone

VAN KARMON AVE

4700 VAN KARMON AVE

Year	Uses	Source
1995	Nassgl Financial	Pacific Bell

Year	Uses	Source
1995	Nassgl Financial	Pacific Bell

VON KAONAN AVE

4440 VON KAONAN AVE

Year	Uses	Source
1991	Design Intervention	Pacific Bell
	Design Intervention	Pacific Bell

VON KARMAN

4650 VON KARMAN

Year	Uses	Source
1995	Dakota Funding	Pacific Bell
	Charest Suzanne J Law Offices Of	Pacific Bell
	Dakota Funding	Pacific Bell
	Charest Suzanne J Law Offices Of	Pacific Bell

VON KARMAN AVE

4440 VON KARMAN AVE

Year	Uses	Source
2015	UTILITY RESOURCE MANAGEMENT	Cole Information Services
	CANOPI LLC	Cole Information Services
	ICE ENTERTAINMENT LLC	Cole Information Services
	E BRYANT	Cole Information Services
	BRYANT EQUITIES	Cole Information Services
	COMMERCE WEST BANK	Cole Information Services
	PREMIER TRADING	Cole Information Services
	KUHEN R & COMPANY INC	Cole Information Services
	KELLY HOLDINGS LLC	Cole Information Services
	DYNTEK SERVICES INC	Cole Information Services
	UTILITY RESOURCE MANAGEMENT	Cole Information Services
	DYNTEK SERVICES INC	Cole Information Services
	KUHEN R & COMPANY INC	Cole Information Services
	KELLY HOLDINGS LLC	Cole Information Services
	COMMERCE WEST BANK	Cole Information Services
	PREMIER TRADING	Cole Information Services
	E BRYANT	Cole Information Services
	BRYANT EQUITIES	Cole Information Services

FINDINGS

Year	Uses	Source
2015	CANOPI LLC	Cole Information Services
	ICE ENTERTAINMENT LLC	Cole Information Services
2009	EXCEL FUTURES	Cole Information Services
	AEW LBA ACQUISITION CO II LLC	Cole Information Services
	AVALON BAY COMMUNITIES	Cole Information Services
	LBA VIF ONE LLC	Cole Information Services
	FIRST HORIZON WHOLESALE	Cole Information Services
	MOTOROLA INC	Cole Information Services
	PLATINUM PACIFIC PROPERTY MANAGEMENT	Cole Information Services
	EXCEL FUTURES	Cole Information Services
	AVALON BAY COMMUNITIES	Cole Information Services
	AEW LBA ACQUISITION CO II LLC	Cole Information Services
	MOTOROLA INC	Cole Information Services
	PLATINUM PACIFIC PROPERTY MANAGEMENT	Cole Information Services
	LBA VIF ONE LLC	Cole Information Services
	FIRST HORIZON WHOLESALE	Cole Information Services
2004	M MCCALL	Cole Information Services
	LAYTON BELLING & ASSOCS	Cole Information Services
	AVALON BAY COMMUMITIES INC	Cole Information Services
	TASTEE FREEZ LLC	Cole Information Services
	WIENERSCHNITZE	Cole Information Services
	ELLINWOOD ASSOCS	Cole Information Services
	LBA INC	Cole Information Services
	URM GROUP INC	Cole Information Services
	GALARDI GROUP INC	Cole Information Services
	WIENERSCHNITZE	Cole Information Services
	GALARDI GROUP INC	Cole Information Services
	ELLINWOOD ASSOCS	Cole Information Services
	LBA INC	Cole Information Services
	TASTEE FREEZ LLC	Cole Information Services
	URM GROUP INC	Cole Information Services
	AVALON BAY COMMUMITIES INC	Cole Information Services
	M MCCALL	Cole Information Services
	LAYTON BELLING & ASSOCS	Cole Information Services
2002	AVALONBAY	Haines Company
	COMMUNITIES GALARDI GROUP INC	Haines Company
	LAYTON BELUNG	Haines Company

FINDINGS

Year	Uses	Source
2002	ASSOCIATES PREMIER TRADING	Haines Company
	SUNBELTNATLMRTG	Haines Company
	a UTILITY RESOURCE	Haines Company
	MANAGEMENT WIENERSCHNITZEL	Haines Company
	AVALONBAY	Haines Company
	COMMUNITIES GALARDI GROUP INC	Haines Company
	LAYTON BELUNG	Haines Company
	ASSOCIATES PREMIER TRADING	Haines Company
	SUNBELTNATLMRTG	Haines Company
	a UTILITY RESOURCE	Haines Company
	MANAGEMENT WIENERSCHNITZEL	Haines Company
1999	ZEISS CARL INCORPORATED	Cole Information Services
	UTILITY RESOURCE MANAGEMENT	Cole Information Services
	KONTRON ELEKTRONIK CORPORATION	Cole Information Services
	LAYTON BELLING ASSOCIATES	Cole Information Services
	SUNBELT NATIONAL MORTGAGE CORPORATION	Cole Information Services
	AVALON BAY COMMUNITIES	Cole Information Services
	WIENERSCHNITZEL CORPORATION OFFICE	Cole Information Services
	PREMIER TRADING	Cole Information Services
	INFORMATION &	Cole Information Services
	GALARDI GROUP INCORPORATED	Cole Information Services
	ZEISS CARL INCORPORATED	Cole Information Services
	UTILITY RESOURCE MANAGEMENT	Cole Information Services
	AVALON BAY COMMUNITIES	Cole Information Services
	SUNBELT NATIONAL MORTGAGE CORPORATION	Cole Information Services
	KONTRON ELEKTRONIK CORPORATION	Cole Information Services
	LAYTON BELLING ASSOCIATES	Cole Information Services
	INFORMATION &	Cole Information Services
	GALARDI GROUP INCORPORATED	Cole Information Services
	WIENERSCHNITZEL CORPORATION OFFICE	Cole Information Services
	PREMIER TRADING	Cole Information Services
1995	American Health Services Corp	Pacific Bell
	Design Intervention	Pacific Bell
	Feldman Steven C atty	Pacific Bell
	Hunt Rook Schelble	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Orange County Legal Clinic	Pacific Bell
	Park Peter S & Associates Law Offices Of	Pacific Bell
	Seidenberg Peter A atty	Pacific Bell
	Wienerschnitzel Corp Office	Pacific Bell
	American Health Services Corp	Pacific Bell
	Design Intervention	Pacific Bell
	Feldman Steven C atty	Pacific Bell
	Hunt Rook Schelble	Pacific Bell
	Orange County Legal Clinic	Pacific Bell
	Park Peter S & Associates Law Offices Of	Pacific Bell
	Seidenberg Peter A atty	Pacific Bell
	Wienerschnitzel Corp Office	Pacific Bell
1994	SEIDENBERG P A ATTY	Cole Information Services
	BILLING AMERCN HLTH	Cole Information Services
	MOTOROLA INC	Cole Information Services
	BANC PROPERTY SVC CALIFORNIA	Cole Information Services
	BANC PROPERTIES	Cole Information Services
	GATEWAY BUSINESS INTERIORS	Cole Information Services
	MOTOROLA INC	Cole Information Services
	BANC PROPERTY SVC CALIFORNIA	Cole Information Services
	SEIDENBERG P A ATTY	Cole Information Services
	BILLING AMERCN HLTH	Cole Information Services
	BANC PROPERTIES	Cole Information Services
	GATEWAY BUSINESS INTERIORS	Cole Information Services
1991	American Health Services Billing	Pacific Bell
	American Health Services Corp	Pacific Bell
	Che Vius Geo Latty	Pacific Bell
	Duringer Stephen C Law Offices Of	Pacific Bell
	Family Health & Sport Med Center	Pacific Bell
	Galardi Group Inc	Pacific Bell
	Gateway Business Interiors	Pacific Bell
	Hands Peter A atty	Pacific Bell
	Hands Terri	Pacific Bell
	Home Views Of Southern California	Pacific Bell
	Horan Glen M Law Offices Of	Pacific Bell
	Horizons Unlimited	Pacific Bell
	Mitchell Diane	Pacific Bell
	Mitchell Dixie Ho	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Motorola Computer Systems	Pacific Bell
	ORANGE COUNTY LEGAL CLINIC	Pacific Bell
	Steering Jerry L atty	Pacific Bell
	T T A Newport	Pacific Bell
	Wienerschnitzel Corp Office	Pacific Bell
	Wienerschnitzel No	Pacific Bell
	Wienerschnitzel No	Pacific Bell
	Wienerschnitzel No	Pacific Bell
	Feldman Steven C atty	Pacific Bell
	American Health Services Billing	Pacific Bell
	American Health Services Corp	Pacific Bell
	Che Vius Geo Latty	Pacific Bell
	Duringer Stephen C Law Offices Of	Pacific Bell
	Family Health & Sport Med Center	Pacific Bell
	Galardi Group Inc	Pacific Bell
	Gateway Business Interiors	Pacific Bell
	Hands Peter A atty	Pacific Bell
	Hands Terri	Pacific Bell
	Home Views Of Southern California	Pacific Bell
	Horan Glen M Law Offices Of	Pacific Bell
	Horizons Unlimited	Pacific Bell
	Mitchell Diane	Pacific Bell
	Mitchell Dixie Ho	Pacific Bell
	Motorola Computer Systems	Pacific Bell
	ORANGE COUNTY LEGAL CLINIC	Pacific Bell
	Steering Jerry L atty	Pacific Bell
	T T A Newport	Pacific Bell
	Wienerschnitzel Corp Office	Pacific Bell
	Wienerschnitzel No	Pacific Bell
	Wienerschnitzel No	Pacific Bell
	Wienerschnitzel No	Pacific Bell
	Feldman Steven C atty	Pacific Bell
1986	Coldwell Banker First Newport Newport Beach	Pacific Bell
	Newport Beach	Pacific Bell
	Coldwell Banker Hotel Services Newport Beach	Pacific Bell
	Coldwell Banker	Pacific Bell
	Coldwell Banker First Newport	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Coldwell Banker Hotel Services	Pacific Bell
	Coldwell Banker Real Estate Finance Services	Pacific Bell
	Holiday Inn Irvine Orange County Airport Preopenig Office	Pacific Bell
	Holiday Inn Irvine Orange County Airport	Pacific Bell
	T T A Newport	Pacific Bell
	Coldwell Banker First Newport Newport Beach	Pacific Bell
	Newport Beach	Pacific Bell
	Coldwell Banker Hotel Services Newport Beach	Pacific Bell
	Coldwell Banker	Pacific Bell
	Coldwell Banker First Newport	Pacific Bell
	Coldwell Banker Hotel Services	Pacific Bell
	Coldwell Banker Real Estate Finance Services	Pacific Bell
	Holiday Inn Irvine Orange County Airport Preopenig Office	Pacific Bell
	Holiday Inn Irvine Orange County Airport	Pacific Bell
	T T A Newport	Pacific Bell
1980	S General Office	Pacific Telephone
	Financial Service Adininiistrators	Pacific Telephone
	f Irst Newport Corporation	Pacific Telephone
	Hometels Development Corp	Pacific Telephone
	Hometels Management Co Inc	Pacific Telephone
	S General Office	Pacific Telephone
	Financial Service Adininiistrators	Pacific Telephone
	f Irst Newport Corporation	Pacific Telephone
	Hometels Development Corp	Pacific Telephone
	Hometels Management Co Inc	Pacific Telephone
1975	Capital Resources Inc	Luskey Brothers & Co., Inc.
	Ranger Richard J atty	Luskey Brothers & Co., Inc.
	Capital Resources Inc	Luskey Brothers & Co., Inc.
	Ranger Richard J atty	Luskey Brothers & Co., Inc.

4490 VON KARMAN AVE

Year	Uses	Source
2015	SMART CIRCLE INTERNATIONAL LLC	Cole Information Services
	BANK OF AMERICA MORTGAGE	Cole Information Services
	WILLIAM LYON HOMES	Cole Information Services

FINDINGS

Year	Uses	Source
2015	WILLIAM LYON HOMES	Cole Information Services
	BANK OF AMERICA MORTGAGE	Cole Information Services
	SMART CIRCLE INTERNATIONAL LLC	Cole Information Services
2004	MARTIN AVIATION INC	Cole Information Services
	THE RANCH GOLF CLUB CO	Cole Information Services
	LYON ESTATES	Cole Information Services
	THE RANCH GOLF CLUB CO	Cole Information Services
	MARTIN AVIATION INC	Cole Information Services
	LYON ESTATES	Cole Information Services
2002	LYON COMMUNITIES	Haines Company
	WILLIAM LYON HOMES	Haines Company
	SLYONLaun	Haines Company
	LYON COMMUNITIES	Haines Company
	SLYONLaun	Haines Company
	WILLIAM LYON HOMES	Haines Company
1999	LYON COMMUNITIES INCORPORATED	Cole Information Services
	WILLIAM LYON HOMES INCORPORATED	Cole Information Services
	LYON WILLIAM PROPERTY MANAGEMENT COMPANY	Cole Information Services
	ELSINORE AEROSPACE SERVICES	Cole Information Services
	DUXFORD FINANCIAL SERVICES	Cole Information Services
	LYON COMMUNITIES INCORPORATED	Cole Information Services
	LYON WILLIAM PROPERTY MANAGEMENT COMPANY	Cole Information Services
	WILLIAM LYON HOMES INCORPORATED	Cole Information Services
	DUXFORD FINANCIAL SERVICES	Cole Information Services
	ELSINORE AEROSPACE SERVICES	Cole Information Services
1995	Elsnore Aerospace Services	Pacific Bell
	Lyon Communties Inc	Pacific Bell
	Lyon William Property Management Co	Pacific Bell
	Stone Cole And Co	Pacific Bell
	Elsnore Aerospace Services	Pacific Bell
	Lyon Communties Inc	Pacific Bell
	Lyon William Property Management Co	Pacific Bell
	Stone Cole And Co	Pacific Bell
1994	LYON COMMUNITIES	Cole Information Services
	LYON COMMUNITIES	Cole Information Services
1991	William Lyon Company The	Pacific Bell

Year	Uses	Source
1991	William Lyon Company The	Pacific Bell
1986	Corporate Headquarters	Pacific Bell
	Corporate Headquarters	Pacific Bell
1980	Don Koll Company Inc	Pacific Telephone
	Koll Center Newport	Pacific Telephone
	KOLL COMPANZ THi E	Pacific Telephone
	The Koll Cospany	Pacific Telephone
	The Labor Office	Pacific Telephone
	The Lakeside Restaurant i OMac Arthur Bl @Newport Beach@	Pacific Telephone
	Don Koll Company Inc	Pacific Telephone
	Koll Center Newport	Pacific Telephone
	KOLL COMPANZ THi E	Pacific Telephone
	The Koll Cospany	Pacific Telephone
	The Labor Office	Pacific Telephone
	The Lakeside Restaurant i OMac Arthur Bl @Newport Beach@	Pacific Telephone

4560 VON KARMAN AVE

Year	Uses	Source
2002	COMMERCIALRE	Haines Company
	NAICAPITAL	Haines Company
	COMMERCIALRE	Haines Company
	NAICAPITAL	Haines Company

4650 VON KARMAN AVE

Year	Uses	Source
2009	NORMAN ORD & LLP HOLLEMAN	Cole Information Services
	NORMAN ORD & LLP HOLLEMAN	Cole Information Services
2004	NAI CAPITAL COMMERCIAL	Cole Information Services
	NAI CAPITAL COMMERCIAL	Cole Information Services
2002	CAPITAL COMMERCIAL	Haines Company
	REAL ESTATE	Haines Company
	CAPITAL COMMERCIAL	Haines Company
	REAL ESTATE	Haines Company
1999	ANTHONY SESSA LAW OFFICES	Cole Information Services
	CHAREST SUZANNE J LAW OFFICES OF	Cole Information Services
	GEORGE WRIGHT ATTORNEY AT LAW	Cole Information Services
	BOWMAN & ASSOCIATES	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
1999	DEWART DEBORAH CPA	Cole Information Services
	C R B PARALEGAL	Cole Information Services
	PRICE WILLIAM F ATTORNEY	Cole Information Services
	TEWINKLE GARRETT J ATTORNEY	Cole Information Services
	SESSA ANTHONY ATTORNEY AT LAW	Cole Information Services
	DAKOTA FUNDING	Cole Information Services
	SESSA ANTHONY ATTORNEY AT LAW	Cole Information Services
	CHAREST SUZANNE J LAW OFFICES OF	Cole Information Services
	DEWART DEBORAH CPA	Cole Information Services
	C R B PARALEGAL	Cole Information Services
	GEORGE WRIGHT ATTORNEY AT LAW	Cole Information Services
	BOWMAN & ASSOCIATES	Cole Information Services
	ANTHONY SESSA LAW OFFICES	Cole Information Services
	DAKOTA FUNDING	Cole Information Services
	PRICE WILLIAM F ATTORNEY	Cole Information Services
	TEWINKLE GARRETT J ATTORNEY	Cole Information Services
1995	A & T Consultants	Pacific Bell
	Archie M Dicksion	Pacific Bell
	CLStrand& Associates	Pacific Bell
	Charest Suzanne J Law Offices Of	Pacific Bell
	Citadel Law Offices & Financial Services	Pacific Bell
	Dakota Funding	Pacific Bell
	Dewart Deborah CPA	Pacific Bell
	Flicker Martin L	Pacific Bell
	Holleman Wibur J atty	Pacific Bell
	Ord Norman & Holleman atys	Pacific Bell
	Price William F atty	Pacific Bell
	Von Karman Professional Building	Pacific Bell
	Sessa Anthony atty at law	Pacific Bell
	Te Winkle Garrett Jotty	Pacific Bell
	Sessa Anthony atty at law	Pacific Bell
	Te Winkle Garrett Jotty	Pacific Bell
	A & T Consultants	Pacific Bell
	Archie M Dicksion	Pacific Bell
	CLStrand& Associates	Pacific Bell
	Charest Suzanne J Law Offices Of	Pacific Bell
	Citadel Law Offices & Financial Services	Pacific Bell
	Dakota Funding	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Dewart Deborah CPA	Pacific Bell
	Flicker Martin L	Pacific Bell
	Holleman Wibur J atty	Pacific Bell
	Ord Norman & Holleman atys	Pacific Bell
	Price William F atty	Pacific Bell
	Von Karman Professional Building	Pacific Bell
1994	SESSA, ANTHONY	Cole Information Services
	OBRIEN, SHARON	Cole Information Services
	ORD NORMAN & HOLLEMAN	Cole Information Services
	WILLIAM F PRICE	Cole Information Services
	ANTHONY SESSA	Cole Information Services
	C L STRAND & ASSOC	Cole Information Services
	GARRETT J TE WINKLE	Cole Information Services
	L MARTIN FLICKER	Cole Information Services
	RICHARD A NEWELL	Cole Information Services
	FLICKER, L M	Cole Information Services
	VON KARMAN PRFSNL	Cole Information Services
	SUZANNE J CHAREST LAW OFFICES	Cole Information Services
	JOHN W FISHER	Cole Information Services
	ORD NORMAN & HOLLEMAN	Cole Information Services
	WILLIAM F PRICE	Cole Information Services
	SESSA, ANTHONY	Cole Information Services
	OBRIEN, SHARON	Cole Information Services
	FLICKER, L M	Cole Information Services
	VON KARMAN PRFSNL	Cole Information Services
	L MARTIN FLICKER	Cole Information Services
	RICHARD A NEWELL	Cole Information Services
	GARRETT J TE WINKLE	Cole Information Services
	ANTHONY SESSA	Cole Information Services
	C L STRAND & ASSOC	Cole Information Services
	SUZANNE J CHAREST LAW OFFICES	Cole Information Services
	JOHN W FISHER	Cole Information Services
1991	Of No Answer Call	Pacific Bell
	Fischer Morland C & Associates	Pacific Bell
	Fisher John WAtty	Pacific Bell
	Holleman Wilbur Jatty	Pacific Bell
	Kennedy Paul Jr atty	Pacific Bell
	Littler Mendelson Fastiff & Tichy A Professional Corp	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Matheis Mary Aileen atty	Pacific Bell
	ORD NORMAN & HOLLEMAN attys	Pacific Bell
	Price William F atty	Pacific Bell
	Slipp Waiham Ratty	Pacific Bell
	Sessa Anthony atty at law	Pacific Bell
	Te Wmkle Garrett J atty	Pacific Bell
	Of No Answer Call	Pacific Bell
	Fischer Morland C & Associates	Pacific Bell
	Fisher John WAtty	Pacific Bell
	Holleman Wilbur Jatty	Pacific Bell
	Kennedy Paul Jr atty	Pacific Bell
	Littler Mendelson Fastiff & Tichy A Professional Corp	Pacific Bell
	Matheis Mary Aileen atty	Pacific Bell
	ORD NORMAN & HOLLEMAN attys	Pacific Bell
	Price William F atty	Pacific Bell
	Slipp Waiham Ratty	Pacific Bell
	Sessa Anthony atty at law	Pacific Bell
	Te Wmkle Garrett J atty	Pacific Bell
1986	Barcelona Frank B atty	Pacific Bell
	Breckenridge Hugh atty	Pacific Bell
	Clark Nancy B atty	Pacific Bell
	Ertz Julian atty	Pacific Bell
	Fischer Morland C pat atty	Pacific Bell
	Kennedy Craig P ctty	Pacific Bell
	Kennedy Paul Jr atty	Pacific Bell
	Klein Howard J pat attys	Pacific Bell
	Klein & Szekeres attys	Pacific Bell
	Mast Paul G atty	Pacific Bell
	Matheis Mary Aileen atty	Pacific Bell
	Peters Donald atty	Pacific Bell
	Price William F atty	Pacific Bell
	Snow Gordon H atty	Pacific Bell
	Szekeres Gabor L pat atty	Pacific Bell
	Hillgren Nancy C atty	Pacific Bell
	Hillgren Nancy C atty	Pacific Bell
	Barcelona Frank B atty	Pacific Bell
	Breckenridge Hugh atty	Pacific Bell
	Clark Nancy B atty	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Ertz Julian atty	Pacific Bell
	Fischer Morland C pat atty	Pacific Bell
	Kennedy Craig P ctty	Pacific Bell
	Kennedy Paul Jr atty	Pacific Bell
	Klein Howard J pat attys	Pacific Bell
	Klein & Szekeres attys	Pacific Bell
	Mast Paul G atty	Pacific Bell
	Matheis Mary Aileen atty	Pacific Bell
	Peters Donald atty	Pacific Bell
	Price William F atty	Pacific Bell
	Snow Gordon H atty	Pacific Bell
	Szekeres Gabor L pat atty	Pacific Bell
1980	i Bertino Lawrence E atty	Pacific Telephone
	Bertino Lawrence E Rutan a Tucker atty	Pacific Telephone
	Breckenridge Hugh atty	Pacific Telephone
	Clark Nancy B atty	Pacific Telephone
	Clark Nancy Jo	Pacific Telephone
	Cote George J B atty	Pacific Telephone
	CROS BY W ILLIAM M atty	Pacific Telephone
	P A Professional Corn attys	Pacific Telephone
	B A Professional Corp attys	Pacific Telephone
	Dawson Kelly A	Pacific Telephone
	Foutz Les atty	Pacific Telephone
	Freeman Alan P atty	Pacific Telephone
	Kennedy Craig P ally	Pacific Telephone
	Kennedy D	Pacific Telephone
	Kennedy Paul Jr atty	Pacific Telephone
	Klein Howard J pat atty	Pacific Telephone
	Kootztt I atty	Pacific Telephone
	Long Harrison K Jr atty	Pacific Telephone
	Lumsdon Thomas G atty	Pacific Telephone
	Luna A	Pacific Telephone
	Price & Bertino attys	Pacific Telephone
	Price Earl M atty	Pacific Telephone
	i Bertino Lawrence E atty	Pacific Telephone
	Bertino Lawrence E Rutan a Tucker atty	Pacific Telephone
	Breckenridge Hugh atty	Pacific Telephone
	Clark Nancy B atty	Pacific Telephone

Year	Uses	Source
1980	Clark Nancy Jo	Pacific Telephone
	Cote George J B atty	Pacific Telephone
	CROS BY W ILLIAM M atty	Pacific Telephone
	P A Professional Corn attys	Pacific Telephone
	B A Professional Corp attys	Pacific Telephone
	Dawson Kelly A	Pacific Telephone
	Foutz Les atty	Pacific Telephone
	Freeman Alan P atty	Pacific Telephone
	Kennedy Craig P ally	Pacific Telephone
	Kennedy D	Pacific Telephone
	Kennedy Paul Jr atty	Pacific Telephone
	Klein Howard J pat atty	Pacific Telephone
	Kootztt I atty	Pacific Telephone
	Long Harrison K Jr atty	Pacific Telephone
	Lumsdon Thomas G atty	Pacific Telephone
	Luna A	Pacific Telephone
	Price & Bertino attys	Pacific Telephone
	Price Earl M atty	Pacific Telephone

4700 VON KARMAN AVE

Year	Uses	Source
2015	CHURCHILL MORTGAGE CORP	Cole Information Services
	POINT DESIGN INC	Cole Information Services
	CHURCHILL MORTGAGE CORP	Cole Information Services
	POINT DESIGN INC	Cole Information Services
2009	SCHUSTER INSURANCE AGENCY	Cole Information Services
	POWERDIRECT MARKETING LLC	Cole Information Services
	SUMMIT BUILDERS	Cole Information Services
	CHURCHILL MORTGAGE CORP	Cole Information Services
	SCHUSTER INSURANCE AGENCY	Cole Information Services
	POWERDIRECT MARKETING LLC	Cole Information Services
	SUMMIT BUILDERS	Cole Information Services
	CHURCHILL MORTGAGE CORP	Cole Information Services
2002	SOCKWELLKWCPA	Haines Company
	WALKER PARKING	Haines Company
	CNSLTNTS ENGNRS	Haines Company
	SOCKWELLKWCPA	Haines Company
	WALKER PARKING	Haines Company
	CNSLTNTS ENGNRS	Haines Company

FINDINGS

Year	*Uses*	*Source*
1999	SCHANTZ SARA PUBLIC RELATIONS	Cole Information Services
	SOCKWELL KENDALL W CPA AND ACCOUNTANCY CORPORATION	Cole Information Services
	AJW PARKING SERVICES INCORPORATED	Cole Information Services
	SCHUSTER INSURANCE AGENCY	Cole Information Services
	DEBASH SUN & ASSOCIATES	Cole Information Services
	SCHANTZ SARA PUBLIC RELATIONS	Cole Information Services
	SOCKWELL KENDALL W CPA AND ACCOUNTANCY CORPORATION	Cole Information Services
	AJW PARKING SERVICES INCORPORATED	Cole Information Services
	SCHUSTER INSURANCE AGENCY	Cole Information Services
	DEBASH SUN & ASSOCIATES	Cole Information Services
1995	Sockwell Kendall W CPA And Accountancy Corp	Pacific Bell
	Word Perfect Help 1 Wordcomp Internat l Corp	Pacific Bell
	Worldcom Electronics	Pacific Bell
	Asian American Investment Bankers Association	Pacific Bell
	Gold Express	Pacific Bell
	Lac Med Professional Products Inc	Pacific Bell
	Smart Com Internati	Pacific Bell
	Endangered Wildlife Fund	Pacific Bell
	Schantz John Rrlest	Pacific Bell
	Asian American Investment Bankers Association	Pacific Bell
	Gold Express	Pacific Bell
	Lac Med Professional Products Inc	Pacific Bell
	Smart Com Internati	Pacific Bell
	Endangered Wildlife Fund	Pacific Bell
	Schantz John Rrlest	Pacific Bell
	Sockwell Kendall W CPA And Accountancy Corp	Pacific Bell
	Word Perfect Help 1 Wordcomp Internat l Corp	Pacific Bell
	Worldcom Electronics	Pacific Bell
1994	PROTECT AMERICA INC	Cole Information Services
	A M COR	Cole Information Services
	DOUGLAS FINANCIAL SVC	Cole Information Services
	KENDAL W SOCKWELL & ACCNTNCY	Cole Information Services

FINDINGS

Year	Uses	Source
1994	MORE MAIL	Cole Information Services
	AMCOR	Cole Information Services
	GLASS ACCOUNTING	Cole Information Services
	ENERGY REALTY CORP	Cole Information Services
	KENDALL W SOCKWELL CORP	Cole Information Services
	BECHTEL REAL EST	Cole Information Services
	PROTECT AMERICA INC	Cole Information Services
	A M COR	Cole Information Services
	KENDALL W SOCKWELL CORP	Cole Information Services
	BECHTEL REAL EST	Cole Information Services
	GLASS ACCOUNTING	Cole Information Services
	ENERGY REALTY CORP	Cole Information Services
	MORE MAIL	Cole Information Services
	AMCOR	Cole Information Services
	DOUGLAS FINANCIAL SVC	Cole Information Services
	KENDAL W SOCKWELL & ACCNTNCY	Cole Information Services
1991	Bechtel Real Estate	Pacific Bell
	Certified Ecological Recovery Technologies	Pacific Bell
	Corporate Realty Inc	Pacific Bell
	Gerard Homes	Pacific Bell
	Gerard Susan	Pacific Bell
	Hide A Hook	Pacific Bell
	Investors Mortgage Co	Pacific Bell
	Schuster Insurance Agency	Pacific Bell
	Douglas Financial Services	Pacific Bell
	Douglas Fir Tree Service	Pacific Bell
	Bechtel Real Estate	Pacific Bell
	Certified Ecological Recovery Technologies	Pacific Bell
	Corporate Realty Inc	Pacific Bell
	Gerard Homes	Pacific Bell
	Gerard Susan	Pacific Bell
	Hide A Hook	Pacific Bell
	Investors Mortgage Co	Pacific Bell
	Schuster Insurance Agency	Pacific Bell
	Douglas Financial Services	Pacific Bell
	Douglas Fir Tree Service	Pacific Bell
1986	Bechtel Real Estate	Pacific Bell

Year	Uses	Source
1986	Corporate Realty Inc	Pacific Bell
	Douglas Financial Services	Pacific Bell
	John Wayne Airport Insurance Brokers	Pacific Bell
	PROFE S S ION AL DE N TAL S E RVICE S	Pacific Bell
	Schuster Insurance Agency	Pacific Bell
	Bechtel Real Estate	Pacific Bell
	Corporate Realty Inc	Pacific Bell
	Douglas Financial Services	Pacific Bell
	John Wayne Airport Insurance Brokers	Pacific Bell
	PROFE S S ION AL DE N TAL S E RVICE S	Pacific Bell
	Schuster Insurance Agency	Pacific Bell
1980	DE S IGN PLAZA TRAVE L	Pacific Telephone
	Longoria General Agency Inc	Pacific Telephone
	Hedloff Robert A Agency	Pacific Telephone
	RE GOMAt N & S OCAE S w u	Pacific Telephone
	Bechtel Real Estate	Pacific Telephone
	Design Performance	Pacific Telephone
	Schuster Insurance Agency	Pacific Telephone
	Schuster Insurance Agency	Pacific Telephone
	Bechtel Real Estate	Pacific Telephone
	Design Performance	Pacific Telephone
	DE S IGN PLAZA TRAVE L	Pacific Telephone
	Longoria General Agency Inc	Pacific Telephone
	Hedloff Robert A Agency	Pacific Telephone
	RE GOMAt N & S OCAE S w u	Pacific Telephone

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Year	Uses	Source
2015	HOSPITALITY MARKETING CONCEPTS	Cole Information Services
	RIGGS INSURANCE & FINANCIAL SERVICES	Cole Information Services
	DELPHI BUSINESS SERVICES	Cole Information Services
	EMPOWER SOFTWARE SOLUTIONS	Cole Information Services
	OXFORD MERGERS & ACQUISITIONS INC	Cole Information Services
	HOSPITALITY MARKETING CONCEPTS	Cole Information Services
	RIGGS INSURANCE & FINANCIAL SERVICES	Cole Information Services
	DELPHI BUSINESS SERVICES	Cole Information Services

FINDINGS

Year	Uses	Source
2015	EMPOWER SOFTWARE SOLUTIONS	Cole Information Services
	OXFORD MERGERS & ACQUISITIONS INC	Cole Information Services
2009	COMMERCE WEST BANK	Cole Information Services
	HOSPITALITY MARKETING CONCEPTS INC	Cole Information Services
	ABSOLUTE MORTGAGE SOLUTIONS	Cole Information Services
	BEITLER COMMERCIAL REALTY SERVICES	Cole Information Services
	COMMERCE WEST BANK	Cole Information Services
	HOSPITALITY MARKETING CONCEPTS INC	Cole Information Services
	ABSOLUTE MORTGAGE SOLUTIONS	Cole Information Services
	BEITLER COMMERCIAL REALTY SERVICES	Cole Information Services
2004	PARSONS TRNSP GROUP INC	Cole Information Services
	HOSPITALITY MARKETING CONCEPTS	Cole Information Services
	SASCO ELECTRIC	Cole Information Services
	PARSONS ENGINEERING SCIENCE	Cole Information Services
	PARSONS TRNSP GROUP INC	Cole Information Services
	HOSPITALITY MARKETING CONCEPTS	Cole Information Services
	SASCO ELECTRIC	Cole Information Services
	PARSONS ENGINEERING SCIENCE	Cole Information Services
2002	SASCO ELECTRIC	Haines Company
	GROUP PHARMAPRINT	Haines Company
	TRANSPORTATION	Haines Company
	ENGINEERING SCIENCE PARSONS	Haines Company
	SERVICES PARSONS	Haines Company
	FAMILY LENDING	Haines Company
	SASCO ELECTRIC	Haines Company
	GROUP PHARMAPRINT	Haines Company
	TRANSPORTATION	Haines Company
	ENGINEERING SCIENCE PARSONS	Haines Company
	SERVICES PARSONS	Haines Company
	FAMILY LENDING	Haines Company
1999	FAMILY LENDING SERVICES	Cole Information Services
	ARTECON INCORPORATED	Cole Information Services
	PARSONS ENGINEERING SCIENCE	Cole Information Services
	SASCO ELECTRIC	Cole Information Services
	PARSONS TRANSPORTATION GROUP	Cole Information Services

FINDINGS

Year	Uses	Source
1999	SASCO ELECTRIC	Cole Information Services
	ARTECON INCORPORATED	Cole Information Services
	PARSONS TRANSPORTATION GROUP	Cole Information Services
	PARSONS ENGINEERING SCIENCE	Cole Information Services
	FAMILY LENDING SERVICES	Cole Information Services
1994	NEWCASTLE CO	Cole Information Services
	KANE, IRENE	Cole Information Services
	MOTORSPORTS PRDCTNS	Cole Information Services
	STRATZ, MARC	Cole Information Services
	KRAHE FRANCIS&ASCTS	Cole Information Services
	IRENE KANE	Cole Information Services
	NEWCASTLE CO THE	Cole Information Services
	NEWCASTLE CO	Cole Information Services
	NEWCASTLE CO THE	Cole Information Services
	KRAHE FRANCIS&ASCTS	Cole Information Services
	IRENE KANE	Cole Information Services
	MOTORSPORTS PRDCTNS	Cole Information Services
	STRATZ, MARC	Cole Information Services
	KANE, IRENE	Cole Information Services
1991	United Metric Development Corporation	Pacific Bell
	Kanelrma M @Westminster@	Pacific Bell
	Kane Irene MFCC	Pacific Bell
	Investment Sponsor Group	Pacific Bell
	Interstar Management Inc	Pacific Bell
	Infotool Resources	Pacific Bell
	Dover Asset Group Inc	Pacific Bell
	Bonutto Hofer Investments	Pacific Bell
	BHI Dover tnc	Pacific Bell
	Krahe Francis & Associates	Pacific Bell
	United Metric Development Corporation	Pacific Bell
	Kanelrma M @Westminster@	Pacific Bell
	Kane Irene MFCC	Pacific Bell
	Investment Sponsor Group	Pacific Bell
	Interstar Management Inc	Pacific Bell
	Infotool Resources	Pacific Bell
	Dover Asset Group Inc	Pacific Bell
	Bonutto Hofer Investments	Pacific Bell
	BHI Dover tnc	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Krahe Francis & Associates	Pacific Bell
1986	Landmark Capital Corp	Pacific Bell
	Landmark Capital Corp	Pacific Bell

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Year	Uses	Source
2015	THE SAYWITZ COMPANY	Cole Information Services
	OCEAN PACIFIC CAPITAL	Cole Information Services
	LAW OFFICES OF BRUCE S WEINER	Cole Information Services
	POWERDYNE INC	Cole Information Services
	H R ALTERNATIVES	Cole Information Services
	PEOPLES HOME LENDING MORTGAGE BROKER	Cole Information Services
	MONTAGE SYSTEMS	Cole Information Services
	MONTAGE SYSTEMS	Cole Information Services
	H R ALTERNATIVES	Cole Information Services
	PEOPLES HOME LENDING MORTGAGE BROKER	Cole Information Services
	LAW OFFICES OF BRUCE S WEINER	Cole Information Services
	POWERDYNE INC	Cole Information Services
	THE SAYWITZ COMPANY	Cole Information Services
	OCEAN PACIFIC CAPITAL	Cole Information Services
2009	LATIN RONALD S & ASSOCIATES	Cole Information Services
	THE SAYWITZ CO	Cole Information Services
	EZLOANPROCESSING INC	Cole Information Services
	EZLOANPROCESSING INC	Cole Information Services
	LATIN RONALD S & ASSOCIATES	Cole Information Services
	THE SAYWITZ CO	Cole Information Services
2004	PEOPLES HOME LNDNG MRTGG BRKR	Cole Information Services
	LINCOLN PROPERTY CO	Cole Information Services
	LAW OFFICES OF BRUCE S WEINER	Cole Information Services
	KDB SOLUTIONS	Cole Information Services
	PEOPLES HOME LNDNG MRTGG BRKR	Cole Information Services
	LAW OFFICES OF BRUCE S WEINER	Cole Information Services
	KDB SOLUTIONS	Cole Information Services
	LINCOLN PROPERTY CO	Cole Information Services
2002	ANVIL FUNDING	Haines Company
	CORPORATION KOBADEN DESIGNER	Haines Company
	BUS SLTNSINC LAW OFCS OF BRUCE S	Haines Company

FINDINGS

Year	Uses	Source
2002	WEINER LINCOLN PROPERTY	Haines Company
	CO PEOPLESHM LENDING	Haines Company
	MRTG BROKER	Haines Company
	SAYWITZ Barry	Haines Company
	THE SAYWITZ	Haines Company
	COMPANY	Haines Company
	ANVIL FUNDING	Haines Company
	CORPORATION KOBADEN DESIGNER	Haines Company
	BUS SLTNSINC LAW OFCS OF BRUCE S	Haines Company
	WEINER LINCOLN PROPERTY	Haines Company
	CO PEOPLESHM LENDING	Haines Company
	MRTG BROKER	Haines Company
	SAYWITZ Barry	Haines Company
	THE SAYWITZ	Haines Company
	COMPANY	Haines Company
1999	THE SAYWITZ COMPANY	Cole Information Services
	TIME LENDING CALIFORINIA	Cole Information Services
	ANVIL FUNDING CORPORATION	Cole Information Services
	SAYWITZ COMPANY THE	Cole Information Services
	LINCOLN PROPERTY COMPANY	Cole Information Services
	KOBADEN DESIGNER BUSINESS SOLUTIONS INCORPORATED	Cole Information Services
	THE SAYWITZ COMPANY	Cole Information Services
	TIME LENDING CALIFORINIA	Cole Information Services
	SAYWITZ COMPANY THE	Cole Information Services
	LINCOLN PROPERTY COMPANY	Cole Information Services
	KOBADEN DESIGNER BUSINESS SOLUTIONS INCORPORATED	Cole Information Services
	ANVIL FUNDING CORPORATION	Cole Information Services
1995	Loan Servicig Customner Service	Pacific Bell
	Hammond Company The Mortgage Bankers	Pacific Bell
	Loan Servicig Customner Service	Pacific Bell
	Hammond Company The Mortgage Bankers	Pacific Bell
1994	PALMER, R D	Cole Information Services
	HAMMOND CO LOAN SV	Cole Information Services
	HAMMOND CO MORTGAGE	Cole Information Services
	PALMER, R D	Cole Information Services

FINDINGS

Year	Uses	Source
1994	HAMMOND CO LOAN SV	Cole Information Services
	HAMMOND CO MORTGAGE	Cole Information Services
1986	Gess Alban H Price Gess & Ubell attys	Pacific Bell
	Group Benefits	Pacific Bell
	Loan Servicing	Pacific Bell
	JN M Insurance	Pacific Bell
	Mc Clay John B Price Gess & Ubell attys	Pacific Bell
	Price Gess & Ubell attys	Pacific Bell
	Price Joseph W Price Gess & Ubell attys	Pacific Bell
	Condonmium Research Corp The Association Management Group	Pacific Bell
	CON DOMIN IUM RE S E ARCH CORP	Pacific Bell
	Business Exchange Insurance Service	Pacific Bell
	Condonmium Research Corp The Association Management Group	Pacific Bell
	CON DOMIN IUM RE S E ARCH CORP	Pacific Bell
	Business Exchange Insurance Service	Pacific Bell
	Gess Alban H Price Gess & Ubell attys	Pacific Bell
	Group Benefits	Pacific Bell
	Loan Servicing	Pacific Bell
	JN M Insurance	Pacific Bell
	Mc Clay John B Price Gess & Ubell attys	Pacific Bell
	Price Gess & Ubell attys	Pacific Bell
	Price Joseph W Price Gess & Ubell attys	Pacific Bell
1980	Structural Mechanics Associates Inc	Pacific Telephone
	Smith Burton H & Mollot Michael E A Medical Corp	Pacific Telephone
	Smith Burton E Associates	Pacific Telephone
	Smith Burton E & Associates	Pacific Telephone
	Schmlesing James A atty	Pacific Telephone
	h eys James A Jr atty	Pacific Telephone
	Hieagen Edward J Asset Management Corp	Pacific Telephone
	Garretsdhon Robert A atty	Pacific Telephone
	Gallivan Schmeising & Humphreys attys	Pacific Telephone
	Gallivan Robt H atty	Pacific Telephone
	First Donald & Diana	Pacific Telephone
	First Dominion Financial Services Inc	Pacific Telephone
	Dominion Financial Corp	Pacific Telephone
	Colegrove Steve ins	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Burton E Smith & Associates	Pacific Telephone
	L Blied Timothy J atty	Pacific Telephone
	Anderson Gordon ins	Pacific Telephone
	Asset Management Corp	Pacific Telephone
	Structural Mechanics Associates Inc	Pacific Telephone
	Smith Burton H & Mollot Michael E A Medical Corp	Pacific Telephone
	Smith Burton E Associates	Pacific Telephone
	Smith Burton E & Associates	Pacific Telephone
	Schmlesing James A atty	Pacific Telephone
	h eys James A Jr atty	Pacific Telephone
	Hieagen Edward J Asset Management Corp	Pacific Telephone
	Garretsdhon Robert A atty	Pacific Telephone
	Gallivan Schmeising & Humphreys attys	Pacific Telephone
	Gallivan Robt H atty	Pacific Telephone
	First Donald & Diana	Pacific Telephone
	First Dominion Financial Services Inc	Pacific Telephone
	Dominion Financial Corp	Pacific Telephone
	Colegrove Steve ins	Pacific Telephone
	Burton E Smith & Associates	Pacific Telephone
	L Blied Timothy J atty	Pacific Telephone
	Anderson Gordon ins	Pacific Telephone
	Asset Management Corp	Pacific Telephone

VON KARMNIAN AVE

4700 VON KARMNIAN AVE

Year	Uses	Source
1980	Hedloff Robert A Agency ins	Pacific Telephone
	Hedloff Robert A Agency ins	Pacific Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
4440 VON KAONAN AVE	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4440 VON KAONAN AVE	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4440 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1994, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4440 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1994, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4440 VON KARMAN 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
4440 VON KARMAN 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
4490 VON KARMAN AVE	2009, 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
4490 VON KARMAN AVE	2009, 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
4490 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4490 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4560 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4560 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4650 VON KARMAN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4650 VON KARMAN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4650 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
4650 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4650 VON KARMAN AVE	2015, 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
4650 VON KARMAN AVE	2015, 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
4700 VAN KARMON AVE	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4700 VAN KARMON AVE	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4700 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4700 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4700 VON KARMAN AVE	2004, 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
4700 VON KARMAN AVE	2004, 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
4700 VON KARMNIAN AVE	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4700 VON KARMNIAN AVE	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4701 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4701 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4701 VON KARMAN 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
4701 VON KARMAN 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
4740 VON KARMAN 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
4740 VON KARMAN 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

FINDINGS

Address Researched	Address Not Identified in Research Source
4740 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1994, 1992, 1991, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4740 VON KARMAN AVE	2015, 2009, 2004, 2001, 1999, 1997, 1994, 1992, 1991, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4881 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4881 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4881 BIRCH LN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4881 BIRCH LN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4881 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4881 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4881 BIRCH ST	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
4881 BIRCH ST	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
4900 BIRCH ST	2002, 2001, 1997, 1995, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4900 BIRCH ST	2002, 2001, 1997, 1995, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4900 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4900 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4901 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4901 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4901 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
4901 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4901 BIRCH ST	2009, 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
4901 BIRCH ST	2009, 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
4911 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4911 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4911 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4911 BIRCH ST	2009, 2002, 2001, 1999, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4911 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4911 BIRCH ST	2009, 2002, 2001, 1999, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4921 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4921 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4921 BIRCH LN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4921 BIRCH LN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4921 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4921 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4921 BIRCH ST	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
4921 BIRCH ST	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
4931 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4931 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4931 BIRCH LN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4931 BIRCH LN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4931 BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4931 BIRCH ST	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
4931 BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4931 BIRCH ST	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
4931 N BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4931 N BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4932 BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4932 BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4982 BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4982 BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5000 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5000 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5000 BIRCH LN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
5000 BIRCH LN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5000 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5000 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5000 BIRCH ST	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
5000 BIRCH ST	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
5000 E BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5000 E BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5000 N BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5000 N BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5001 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5001 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5001 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5001 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5001 BIRCH ST	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
5001 BIRCH ST	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
5008 BIRCH LN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5008 BIRCH LN	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
5015 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5015 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5015 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5015 BIRCH ST	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
5015 BIRCH ST	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
5015 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5015 N BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5015 N BIRCH ST	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1995, 1994, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5031 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5031 BIRCH	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5031 BIRCH CIR	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5031 BIRCH CIR	2015, 2009, 2004, 2002, 2001, 1999, 1997, 1994, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5031 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5031 BIRCH ST	2015, 2009, 2004, 2001, 1999, 1997, 1995, 1994, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5031 BIRCH ST	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
5031 BIRCH ST	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

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
4910 Birch Street	2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

APPENDIX I

EDR BUILDING PERMIT REPORT

Lots 1, 3 and 5 At Koll Center Newport
4910 Birch Street
Newport Beach, CA 92660

Inquiry Number: 6075412.8
May 27, 2020

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

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Executive Summary

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILDFAX® PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Env. Management Strategies on May 27, 2020.

TARGET PROPERTY

4910 Birch Street
Newport Beach, CA 92660

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

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.

Newport Beach

Year	*Source*	*TP*	*Adjoining*
2020	City of Newport Beach, Community Development Depa		
2019	City of Newport Beach, Community Development Depa		X
2018	City of Newport Beach, Community Development Depa		X
2017	City of Newport Beach, Community Development Depa		X
2016	City of Newport Beach, Community Development Depa		X
	City of Newport Beach, Community Development Depa	X	
2015	City of Newport Beach, Community Development Depa		X
2014	City of Newport Beach, Community Development Depa		X
2013	City of Newport Beach, Community Development Depa		X
2012	City of Newport Beach, Community Development Depa		X
2011	City of Newport Beach, Community Development Depa		X
2010	City of Newport Beach, Community Development Depa		X
	City of Newport Beach, Community Development Depa	X	
2009	City of Newport Beach, Community Development Depa		X
2008	City of Newport Beach, Community Development Depa		X
2007	City of Newport Beach, Community Development Depa		X
2006	City of Newport Beach, Community Development Depa		X
	City of Newport Beach, Community Development Depa	X	
2005	City of Newport Beach, Community Development Depa		X
2004	City of Newport Beach, Community Development Depa		X
2003	City of Newport Beach, Community Development Depa		X
2002	City of Newport Beach, Community Development Depa		
2001	City of Newport Beach, Community Development Depa		
2000	City of Newport Beach, Community Development Depa		
1999	City of Newport Beach, Community Development Depa		
1998	City of Newport Beach, Community Development Depa		
1997	City of Newport Beach, Community Development Depa		
1996	City of Newport Beach, Community Development Depa		

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
1995	City of Newport Beach, Community Development Depa		
1994	City of Newport Beach, Community Development Depa		
1993	City of Newport Beach, Community Development Depa		
1992	City of Newport Beach, Community Development Depa		
1991	City of Newport Beach, Community Development Depa		
1990	City of Newport Beach, Community Development Depa		

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Newport Beach
Years: 1990-2020
Source: City of Newport Beach, Community Development Department, NEWPORT BEACH, CA
Phone: (949) 718-1888

Name: Irvine
Years: 1982-2020
Source: City of Irvine, Building and Safety, IRVINE, CA
Phone: (949) 724-6470

Name: Orange County
Years: 1909-2019
Source: Orange County, Planning and Development Services, ANAHEIM, CA
Phone: (714) 834-5238

Name: Huntington Beach
Years: 1964-2020
Source: Huntington Beach, Dept. of Building and Safety, HUNTINGTON BEACH, CA
Phone: (714) 536-5241

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

4910 Birch Street
Newport Beach, CA 92660

4910 BIRCH ST

Date:	**10/27/2016**
Permit Type:	**F**
Description:	**COMMERCIAL FIRE ALARM T/I (X2016-1720-21) (7 DEVICES TOTAL) 6 DEVICES @ THE SECOND FLR/ 1 DEVICE @ THE 3RD FLR**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2016-0571
Status:	
Valuation:	$3,744.00
Contractor Company:	
Contractor Name:	VFS FIRE & SECURITY SVCS

Date:	**9/21/2016**
Permit Type:	**F**
Description:	**COMMERCIAL FIRE SPRINKLERS ((7) HEADS (X2016-1720 & X2016-1721)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2016-0502
Status:	
Valuation:	$1,200.00
Contractor Company:	
Contractor Name:	VANDERWEST SPRINKLER

TARGET PROPERTY FINDINGS

Date:	**9/6/2016**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT/RMDL & ADD UNISEX RESTROOM (6363 SF)**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2016-1720
Status:	
Valuation:	$32,000.00
Contractor Company:	
Contractor Name:	TEAM ULTIMO REAL ESTATE

Date:	**9/6/2016**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT ADD UNISEX RESTROOM (133 SF)**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2016-1721
Status:	
Valuation:	$8,000.00
Contractor Company:	
Contractor Name:	TEAM ULTIMO REAL ESTATE

Date:	**9/10/2010**
Permit Type:	**X**
Description:	**TENANT IMPROVEMENT "NEWPORT SERVICE CORP" 5002 SF. FULL TENANT BUILD OUT.**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2010-1872
Status:	
Valuation:	$220,000.00
Contractor Company:	
Contractor Name:	

TARGET PROPERTY FINDINGS

Date: **7/20/2010**
Permit Type: **X**
Description: **TENANT IMPROVEMENT TO COMBINE SUITES 100 & 102 (576 SF) "SPEC SUITE"**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2010-1501
Status:
Valuation: $13,000.00
Contractor Company:
Contractor Name: FRANK/TEAM ULTIMO INC

Date: **7/3/2006**
Permit Type: **B**
Description: **TENANT IMPROVEMENT "NEWPORT SERVICE GRP"**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2006-1405
Status:
Valuation: $25,000.00
Contractor Company:
Contractor Name:

Date: **7/3/2006**
Permit Type: **E**
Description: **ELECTRICAL/TENANT IMPROVEMENT "NEWPORT SERVICE GROUP"**

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: E2006-1070
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BIRCH ST

4881 BIRCH ST

Date:	**9/6/2019**
Permit Type:	**X**
Description:	**COMMERCIAL - TEAR OFF TILE , INSTALL T-24 CERTAINTEED LANDMARK SOLARIS COMP CLASS "A" 145 SQS**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2019-2779
Status:	
Valuation:	$85,000.00
Contractor Company:	
Contractor Name:	FIKE INDUSTRIAL CONSTRUCTION LLC

Date:	**8/9/2016**
Permit Type:	**F**
Description:	**COMMERCIAL - REPLACE FIRE ALARM SYSTEM 366 DEVICES**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2016-0333
Status:	
Valuation:	$80,000.00
Contractor Company:	
Contractor Name:	AIM SERVICES

ADJOINING PROPERTY FINDINGS

Date:	**12/8/2014**
Permit Type:	**E**
Description:	**ELECTRICAL - ADD (1) FEEDER & DISCONNECT - 60AMP FOR POWER STORAGE SYSTEM**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	
Permit Number:	E2014-0593
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	3 N 1 ELECTRIC INC

Date:	**2/22/2012**
Permit Type:	**X**
Description:	**(2) BUILDING WALL SIGNS (1) NON ILLUM LOBBY SIGN/REFACE MONUMENT SIGN "EXTENDED STAY AMERICA"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2012-0382
Status:	
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	DONCO & SONS INC

ADJOINING PROPERTY FINDINGS

4901 BIRCH ST

Date:	**10/20/2015**
Permit Type:	**F**
Description:	**FIRE ALARM MONITORING SYSTEM (X2015-1786)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2015-0521
Status:	
Valuation:	$6,051.00
Contractor Company:	
Contractor Name:	POST ALARM SYSTEMS

Date:	**9/18/2015**
Permit Type:	**X**
Description:	**COMMERCIAL - T/O BUR, APPLY 3" INSULATION W/ 1/4" DENSDECK W/CARLISLE CONST TPO BUR CLASS "A" CRRC #0628-0002 135 SQS**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2015-2730
Status:	
Valuation:	$70,675.00
Contractor Company:	
Contractor Name:	J J ROOFING

ADJOINING PROPERTY FINDINGS

Date:	**9/14/2015**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT "LYON COMMUNITES" DEMO PORTION OF CURTAIN WALL & FILL IN W/NEW FOLDING PARTITION 19'-10 W, 8'-10" HIGH**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2015-2608
Status:	
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	SLATER BUILDERS INC

Date:	**7/16/2015**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT "LYON COMMUNITES" 13,377 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2015-1786
Status:	
Valuation:	$602,000.00
Contractor Company:	
Contractor Name:	SLATER BUILDERS INC

Date:	**10/19/2005**
Permit Type:	**B**
Description:	**35' ALUMINUM FLAG POLE W/BASE OF 5' X 8'**
Permit Description:	**Building**
Work Class:	
Proposed Use:	
Permit Number:	B2005-3408
Status:	
Valuation:	$3,500.00
Contractor Company:	
Contractor Name:	HOKE OUTDOOR ADVERTISING

ADJOINING PROPERTY FINDINGS

4911 BIRCH ST

Date:	**9/20/2017**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT " CHICAGO TITLE" 8,102 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-3020
Status:	
Valuation:	$400,000.00
Contractor Company:	
Contractor Name:	BROADWAY BUILDING GROUP LLC

Date:	**1/14/2009**
Permit Type:	**X**
Description:	**TENANT IMPROVEMENT "IMAGE MAGAZINE" 4,789 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2008-2580
Status:	
Valuation:	$200,000.00
Contractor Company:	
Contractor Name:	SANTOS EDGAR

Date:	**1/14/2009**
Permit Type:	**X**
Description:	**TENANT IMPROVEMENT "SPEC SUITE" 2230 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2008-2656
Status:	
Valuation:	$100,350.00
Contractor Company:	
Contractor Name:	SANTOS EDGAR

ADJOINING PROPERTY FINDINGS

Date: **6/12/2008**
Permit Type: **X**
Description: **TENANT IMPROVEMENT "SPEC SUITE" 7969SF**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2008-0798
Status:
Valuation: $200,000.00
Contractor Company:
Contractor Name: SANTOS EDGAR/SAA

Date: **10/22/2004**
Permit Type: **B**
Description: **T/O CAP, INSTL HOT MOP 1-LAYER 25# FELT**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2004-3659
Status:
Valuation: $16,965.00
Contractor Company:
Contractor Name: DAVIS ROOFING INC

4921 BIRCH ST

Date: **6/6/2013**
Permit Type: **X**
Description: **COMMERCIAL FOAM LETTER SIGN INSTL "VELARA"**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2013-1507
Status:
Valuation: $250.00
Contractor Company:
Contractor Name: ADVANCED CONSTRUCTION TECH.

ADJOINING PROPERTY FINDINGS

4931 BIRCH ST

Date:	**6/12/2018**
Permit Type:	**F**
Description:	**COMMERCIAL FIRE SPRINKLERS 198 HEADS (X2018-1016)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2018-0344
Status:	
Valuation:	$19,800.00
Contractor Company:	
Contractor Name:	APEX FIRE SYSTEMS INC

Date:	**5/23/2018**
Permit Type:	**X**
Description:	**COMMERCIAL REROOF, REMOVE/REPLACE (E) 113 SQ OF SINGLE PLY ROOFING SYSTEM, ESR #1157 & CRRC #0674-0030**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-1588
Status:	
Valuation:	$86,822.00
Contractor Company:	
Contractor Name:	SERVCO INC

ADJOINING PROPERTY FINDINGS

Date:	**4/9/2018**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT "BENTLEY & MORE* 11,150 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-1016
Status:	
Valuation:	$700,000.00
Contractor Company:	
Contractor Name:	SERVCO INC

Date:	**12/9/2016**
Permit Type:	**X**
Description:	**COMMERCIAL - INT ALT PRIOR TO TENANT IMPROVEMENT**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2016-4037
Status:	
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	VALLEY COMMERCIAL CONTR L P

Date:	**6/25/2010**
Permit Type:	**X**
Description:	**TENANT IMPROVEMENT "POSITRON ACCESS SOLUTIONS" 1000 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2010-1135
Status:	
Valuation:	$35,500.00
Contractor Company:	
Contractor Name:	MCCANN MIKE

ADJOINING PROPERTY FINDINGS

5001 BIRCH ST

Date:	**10/15/2003**
Permit Type:	**H**
Description:	**MECHANICAL/ C/O (6) A/C ON ROOF LIKE-FOR-LIKE**
Permit Description:	**Mechanical**
Work Class:	
Proposed Use:	
Permit Number:	H2003-1002
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	A & B HEATING AND AIR CONDITIONING

Date:	**10/13/2003**
Permit Type:	**B**
Description:	**REROOF W/INTEC BUILT UP, CLASS "A", 70 SQS**
Permit Description:	**Building**
Work Class:	
Proposed Use:	
Permit Number:	B2003-3359
Status:	
Valuation:	$6,000.00
Contractor Company:	
Contractor Name:	RANCHO ROOFING

ADJOINING PROPERTY FINDINGS

5015 BIRCH ST

Date:	**7/15/2010**
Permit Type:	**X**
Description:	**(N) COMMERCIAL SOLAR PHOTOVOLTAIC SYSTEM 75 KW "ROGER STONE INSURANCE"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2010-0995
Status:	
Valuation:	$600,000.00
Contractor Company:	
Contractor Name:	REEVE JAMES

Date:	**10/22/2003**
Permit Type:	**B**
Description:	**T/O BUR, INST NEW 4-PLY CLASS "A" B.U. CAPSHEET**
Permit Description:	**Building**
Work Class:	
Proposed Use:	
Permit Number:	B2003-3536
Status:	
Valuation:	$23,700.00
Contractor Company:	
Contractor Name:	ACADEMY ROOFING CO

ADJOINING PROPERTY FINDINGS

CAMPUS DR

4920 CAMPUS DR

Date:	**7/12/2018**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT (SUITES 490A & 4920B) "PLATINUM STORAGE GROUP" AND SPEC SUITE 8001 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-2104
Status:	
Valuation:	$352,044.00
Contractor Company:	
Contractor Name:	VANTAGE COMPANY

Date:	**3/2/2018**
Permit Type:	**X**
Description:	**COMMERCIAL - ALT PRIOR TO TENANT IMPROVEMENT 1ST FLR 8000 SF (CAP EMP)**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-0613
Status:	
Valuation:	$6,000.00
Contractor Company:	
Contractor Name:	ATOMIC PROPERTY SVCS INC

ADJOINING PROPERTY FINDINGS

Date:	**10/17/2006**
Permit Type:	**B**
Description:	**T/O BUR, INST 1-ROSIN, 1-28#, 2-11# & 1-LYR**
Permit Description:	**Building**
Work Class:	
Proposed Use:	
Permit Number:	B2006-2797
Status:	
Valuation:	$33,875.00
Contractor Company:	
Contractor Name:	CRANK BROTHERS ROOFING

4930 CAMPUS DR

Date:	**3/2/2017**
Permit Type:	**H**
Description:	**REPLACE EXISTING ROOF TOP UNIT (HEAT PUMP #4) "LIFESCAPES"**
Permit Description:	**Mechanical**
Work Class:	
Proposed Use:	
Permit Number:	H2017-0117
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HILLSIDE HEATING & AC INC

ADJOINING PROPERTY FINDINGS

4940 CAMPUS DR

Date:	**6/14/2017**
Permit Type:	**F**
Description:	**COMMERCIAL SPRINKLER MONITORING SYSTEM (X2017-0466) (1) DEVICE (X217-0466)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2017-0305
Status:	
Valuation:	$500.00
Contractor Company:	
Contractor Name:	C R M CONSTRUCTION INCORPORATED

Date:	**3/27/2017**
Permit Type:	**F**
Description:	**FIRE SPRINKLER TENANT IMPROVEMENT - 'HOLSTROM, BLOCK & PARKE' 80 HEADS (X2017-0466)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2017-0172
Status:	
Valuation:	$6,000.00
Contractor Company:	
Contractor Name:	HARRIS FIRE PROTECTION INC

ADJOINING PROPERTY FINDINGS

Date: **2/14/2017**
Permit Type: **X**
Description: **COMMERCIAL - TENANT IMPROVEMENT "HOLSTROM, BLOCK & PARKE" 7296 SF**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2017-0466
Status:
Valuation: $500,000.00
Contractor Company:
Contractor Name: C R M CONSTRUCTION INCORPORATED

Date: **6/20/2003**
Permit Type: **B**
Description: **T/O BUR REPL W/SAME CLASS "A" 140 SQUARES**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2003-1911
Status:
Valuation: $28,600.00
Contractor Company:
Contractor Name: G L R ENTERPRISES

5000 CAMPUS DR

Date: **5/30/2018**
Permit Type: **F**
Description: **Floor 1 Unit 150 COMMERCIAL FIRE ALARM (3) DEVICES (X2018-1402)**

Permit Description: **Fire**
Work Class:
Proposed Use:
Permit Number: F2018-0317
Status:
Valuation: $4,750.00
Contractor Company:
Contractor Name: TRL SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date:	**5/10/2018**
Permit Type:	**X**
Description:	**Floor 1 Unit 150 COMMERCIAL TENANT IMPROVEMENT "MENLO OFFICE" 2541 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-1402
Status:	
Valuation:	$200,000.00
Contractor Company:	
Contractor Name:	ESPLANADE BUILDERS INC

Date:	**12/14/2017**
Permit Type:	**X**
Description:	**COMMERCIAL - (PATCHING @ A/C UNIT PLATFORMS & PENETRATIONS @ WALLS (X2017-2496) 6 SQ**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-3976
Status:	
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	SMITH & SEVERSON BLDRS

Date:	**12/6/2017**
Permit Type:	**F**
Description:	**COMMERCIAL FIRE ALARM (22) DEVICES (X2017-2496)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2017-0647
Status:	
Valuation:	$9,000.00
Contractor Company:	
Contractor Name:	NATIONAL FAIL SAFE

ADJOINING PROPERTY FINDINGS

Date:	**8/8/2017**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT "ORANGE COUNTY MEDICAL ASSOCIATION" 7,835 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-2496
Status:	
Valuation:	$650,000.00
Contractor Company:	
Contractor Name:	SMITH & SEVERSON BLDRS

Date:	**7/8/2015**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT " ALT PRIOR TO TI" 7,745 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2015-1883
Status:	
Valuation:	$17,400.00
Contractor Company:	
Contractor Name:	VALLEY COMMERCIAL CONTR L P

ADJOINING PROPERTY FINDINGS

MACARTHUR BLVD

4500 MACARTHUR BLVD

Date:	**7/18/2018**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT (CHANGE OF CONTRACTOR ((32) GUEST SUITE RENOVATIONS (9TH & 10TH FLOORS) 14440 SF "RENAISSANCE HOTEL" REPLACES X2017-3206**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-2165
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	METROPOLITAN COMML INTERIORS

Date:	**7/18/2018**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT (CHANGE OF CONTRACTOR)I RENOVATE GROUND FLOOR/PUBLIC AREAS 17,300 SF "RENAISSANCE HOTEL" REPLACES X2017-3205**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-2166
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	METROPOLITAN COMMERCIAL INTERIORS

ADJOINING PROPERTY FINDINGS

Date:	**7/18/2018**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT (CHANGE OF CONTRACTOR)(36) GUEST SUITE RENOVATIONS (7TH & 8TH FLOORS) 13,680 SF "RENAISSANCE HOTEL" REPLACES X2017-3207**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-2168
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	METROPOLITAN COMMERCIAL INTERIORS

Date:	**7/18/2018**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT (CHANGE OF CONTRACTOR)(38) GUEST SUITE RENOVATIONS (5TH & 6TH FLOORS) 12,160 SF "RENAISSANCE HOTEL" REPLACES X2017-3208**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-2169
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	METROPOLITAN COMMERCIAL INTERIORS

ADJOINING PROPERTY FINDINGS

Date:	**7/18/2018**
Permit Type:	**X**
Description:	**COMMERCIAL TI(CHANGE OF CONTRCTOR) (21) GUEST SUITE RENOVATIONS (4TH FLOOR) 7,980 SF "RENAISSANCE HOTEL" REPLACES X2017-3209**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-2170
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	METROPOLITAN COMMERCIAL INTERIORS

Date:	**7/5/2018**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT - MEETING ROOMS 3RD FLR WEST WING 5200 SF "RENAISSANCE HOTEL"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-2024
Status:	
Valuation:	$50,000.00
Contractor Company:	
Contractor Name:	METROPOLITAN COMMERCIAL INTERIORS

ADJOINING PROPERTY FINDINGS

Date:	**6/25/2018**
Permit Type:	**X**
Description:	**COMMERCIAL REPLACE TOILET URINALS, VANITY COUNTER TOPS, AND FAUCETS IN 2 PUBLIC RESTROOMS *ADDITIONAL SCOPE***
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-1946
Status:	
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	METROPOLITAN COMMERCIAL INTERIORS

Date:	**4/19/2018**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT - GUEST SUITE RENOVATIONS (NORTH & WEST WING) 93,860 SF "RENAISSANCE HOTEL"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-1132
Status:	
Valuation:	$941,824.00
Contractor Company:	
Contractor Name:	METROPOLITAN COMML INTERIORS

Date:	**2/1/2018**
Permit Type:	**X**
Description:	**COMMERCIAL SIGN (3) "RENAISSANCE"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-0322
Status:	
Valuation:	$8,000.00
Contractor Company:	
Contractor Name:	G & J NEON SIGNS INC

ADJOINING PROPERTY FINDINGS

Date:	**12/19/2017**
Permit Type:	**F**
Description:	**RELOCATE (60) FIRE SRINKLERS"RENAISSANCE" X2017-3205**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2017-0661
Status:	
Valuation:	$14,000.00
Contractor Company:	
Contractor Name:	HEDRICK FIRE PROTECTION

Date:	**10/4/2017**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT RENOVATE GROUND FLOOR/PUBLIC AREAS 17,300 SF "RENAISSANCE HOTEL"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-3205
Status:	
Valuation:	$3,300,000.00
Contractor Company:	
Contractor Name:	NRC CONSTRUCTION

Date:	**10/4/2017**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT (32) GUEST SUITE RENOVATIONS (9TH & 10TH FLOORS) 14440 SF "RENAISSANCE HOTEL"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-3206
Status:	
Valuation:	$158,592.00
Contractor Company:	
Contractor Name:	NRC CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**10/4/2017**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT (36) GUEST SUITE RENOVATIONS (7TH & 8TH FLOORS) 13,680 SF "RENAISSANCE HOTEL"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-3207
Status:	
Valuation:	$178,416.00
Contractor Company:	
Contractor Name:	NRC CONSTRUCTION

Date:	**10/4/2017**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT (38) GUEST SUITE RENOVATIONS (5TH & 6TH FLOORS) 12,160 SF "RENAISSANCE HOTEL"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-3208
Status:	
Valuation:	$188,328.00
Contractor Company:	
Contractor Name:	NRC CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**10/4/2017**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT (21) GUEST SUITE RENOVATIONS (4TH FLOOR) 7,980 SF "RENAISSANCE HOTEL"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-3209
Status:	
Valuation:	$104,076.00
Contractor Company:	
Contractor Name:	NRC CONSTRUCTION

Date:	**8/31/2017**
Permit Type:	**X**
Description:	**TENANT IMPROVEMENT - INTERIOR DEMO PRIOR TO TENANT IMPROVEMENT - 17,300 SF 'THE DUKE' HOTEL**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-2773
Status:	
Valuation:	$100,000.00
Contractor Company:	
Contractor Name:	NRC CONSTRUCTION

Date:	**2/29/2016**
Permit Type:	**X**
Description:	**COMMERCIAL- REPLACE STAIRS AT PARKING STRUCTURE**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2016-0523
Status:	
Valuation:	$85,000.00
Contractor Company:	
Contractor Name:	CWT CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **2/5/2016**
Permit Type: **X**
Description: **COMMERCIAL - REPLACE(2) COOLING TOWERS "FAIRMONT HOTEL"**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2016-0413
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: TRANE COMPANY THE

Date: **9/15/2015**
Permit Type: **H**
Description: **MECHANICAL / CHILLER C/O**

Permit Description: **Mechanical**
Work Class:
Proposed Use:
Permit Number: H2015-0396
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: TRANE COMPANY THE

Date: **6/25/2015**
Permit Type: **X**
Description: **COMMERCIAL - REPLACE EXTG CHILLER "FAIRMONT HOTEL"**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2014-1857
Status:
Valuation: $624,920.00
Contractor Company:
Contractor Name: TRANE COMPANY THE

ADJOINING PROPERTY FINDINGS

Date: **2/1/2012**
Permit Type: **X**
Description: **SLAB IN-FILL "FAIRMONT HOTEL"**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2012-0171
Status:
Valuation: $150,000.00
Contractor Company:
Contractor Name: PETROV JOHN

Date: **11/24/2009**
Permit Type: **E**
Description: **ELECTRICAL ONLY/SEP CIR, MOTORS**

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: E2009-0692
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DAN/RIVERSIDE ELECTRICAL

Date: **11/7/2007**
Permit Type: **X**
Description: **(2) MONUMENT SIGNS "FAIRMONT"**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2007-1191
Status:
Valuation: $22,750.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/17/2007**
Permit Type: **H**
Description: **C/O BOILER @3RD FLR MECHANICAL RM "FAIRMONT HOTEL"**

Permit Description: **Mechanical**
Work Class:
Proposed Use:
Permit Number: H2007-0389
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BENRICH SERVICE

Date: **8/17/2007**
Permit Type: **P**
Description: **WTR PIPING/GAS SYS @3RD FLR MECHANICAL RM "FAIRMONT HOTEL"**

Permit Description: **Plumbing**
Work Class:
Proposed Use:
Permit Number: P2007-0495
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BENRICH SERVICE CO

Date: **1/16/2007**
Permit Type: **X**
Description: **REV SCOPE OF WORK/ADD 98 SF/SITE WORK FOR ACCESS**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2007-0078
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JESSE/LEE & SAKAHARA

ADJOINING PROPERTY FINDINGS

Date: **10/6/2006**
Permit Type: **H**
Description: **MECHANICAL/"HEALTH SPA RENOVATION"/FAIRMONT HOTEL**

Permit Description: **Mechanical**
Work Class:
Proposed Use:
Permit Number: H2006-1032
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JESSE/LEE &SAKAHARA

Date: **9/22/2006**
Permit Type: **B**
Description: **"HEALTH SPA RENOVATION"/FAIRMONT HOTEL**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2006-1998
Status:
Valuation: $1,300,000.00
Contractor Company:
Contractor Name: JESSE/LEE &SAKAHARA

Date: **9/22/2006**
Permit Type: **E**
Description: **ELECTRICAL/"HEALTH SPA RENOVATION"/FAIRMONT HOTEL**

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: E2006-1500
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JESSE/LEE &SAKAHARA

ADJOINING PROPERTY FINDINGS

Date: **9/22/2006**
Permit Type: **H**
Description: **MECHANICAL/"HEALTH SPA RENOVATION"/FAIRMONT HOTEL**

Permit Description: **Mechanical**
Work Class:
Proposed Use:
Permit Number: H2006-0773
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JESSE/LEE &SAKAHARA

Date: **9/22/2006**
Permit Type: **P**
Description: **PLUMBING/"HEALTH SPA RENOVATION"/FAIRMONT HOTEL**

Permit Description: **Plumbing**
Work Class:
Proposed Use:
Permit Number: P2006-0944
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JESSE/LEE &SAKAHARA

Date: **8/16/2006**
Permit Type: **B**
Description: **LIGHT STANDARDS 12' HI (38)**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2006-2256
Status:
Valuation: $76,000.00
Contractor Company:
Contractor Name: CAMPOS JESSE

ADJOINING PROPERTY FINDINGS

Date: **8/16/2006**
Permit Type: **E**
Description: **ELECTRICAL/LIGHT STANDARDS 12' HI (38)**

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: E2006-1658
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAMPOS JESSE

Date: **7/28/2006**
Permit Type: **E**
Description: **ELECTRICAL/NEW A/C EQUIPMENT**

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: E2006-1217
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LEE & SAKAHARA ARCH

Date: **7/28/2006**
Permit Type: **H**
Description: **MECHANICAL/NEW A/C EQUIPMENT**

Permit Description: **Mechanical**
Work Class:
Proposed Use:
Permit Number: H2006-0639
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LEE & SAKAHARA ARCH

ADJOINING PROPERTY FINDINGS

Date: **7/11/2006**
Permit Type: **B**
Description: **NEW CARPORT 14' X 57'**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2006-1081
Status:
Valuation: $60,000.00
Contractor Company:
Contractor Name: JESSE/LEE & SARAHARA

Date: **7/11/2006**
Permit Type: **E**
Description: **ELECTRICAL/CARPORT**

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: E2006-0860
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JESSE/LEE & SARAHARA

Date: **6/14/2006**
Permit Type: **B**
Description: **MISC. FENCES,RET WALL,FOUNTAINS WALLS**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2006-1082
Status:
Valuation: $133,000.00
Contractor Company:
Contractor Name: JESSE/LIFESCAPES INTL

ADJOINING PROPERTY FINDINGS

Date: **6/14/2006**
Permit Type: **B**
Description: **(2) FIREPLACES, FRONT/BACK GARDEN**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2006-1083
Status:
Valuation: $35,000.00
Contractor Company:
Contractor Name: JESSE/LIFESCAPES INTL

Date: **5/10/2006**
Permit Type: **B**
Description: **TENANT IMPROVEMENT/COMMERCIAL ADD 1500 SF (PH III)**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2006-0274
Status:
Valuation: $1,000,000.00
Contractor Company:
Contractor Name: JESSE/LEE & SAKAHARA

Date: **5/10/2006**
Permit Type: **E**
Description: **ELECTRICAL/TENANT IMPROVEMENT/COMMERCIAL ADD (PH III)**

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: E2006-0226
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JESSE/LEE & SAKAHARA

ADJOINING PROPERTY FINDINGS

Date: **5/10/2006**
Permit Type: **H**
Description: **MECHANICAL/TENANT IMPROVEMENT/COMMERCIAL ADDITION**

Permit Description: **Mechanical**
Work Class:
Proposed Use:
Permit Number: H2006-0107
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JESSE/LEE & SAKAHARA

Date: **5/10/2006**
Permit Type: **P**
Description: **PLUMBING/TENANT IMPROVEMENT/COMMERCIAL ADD (PH III)**

Permit Description: **Plumbing**
Work Class:
Proposed Use:
Permit Number: P2006-0154
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JESSE/LEE & SAKAHARA

Date: **3/8/2006**
Permit Type: **B**
Description: **POOL DECK RENOVATION**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2006-0272
Status:
Valuation: $300,000.00
Contractor Company:
Contractor Name: JESSE/LEE & SAKAHARA

ADJOINING PROPERTY FINDINGS

Date:	**3/8/2006**
Permit Type:	**E**
Description:	**POOL DECK RENOVATION**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	
Permit Number:	E2006-0571
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JESSE/LEE & SAKAHARA

Date:	**3/8/2006**
Permit Type:	**P**
Description:	**PLUMBING/ROOF DRAINS**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	
Permit Number:	P2006-0153
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JESSE/LEE & SAKAHARA

Date:	**3/3/2006**
Permit Type:	**E**
Description:	**ELECTRICAL/ADD/TENANT IMPROVEMENT/FAIRMONT HOTEL (SUB PANEL & 4 DOOR OPENERS)**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	
Permit Number:	E2006-0540
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	LEE AND SAKAHARA ARCHITECTS

ADJOINING PROPERTY FINDINGS

Date:	**1/20/2006**
Permit Type:	**B**
Description:	**TENANT IMPROVEMENT/ADD 140 SF "FAIRMONT HOTEL"**
Permit Description:	**Building**
Work Class:	
Proposed Use:	
Permit Number:	B2005-3472
Status:	
Valuation:	$3,200,000.00
Contractor Company:	
Contractor Name:	LEE AND SAKAHARA ARCHITECTS

Date:	**1/20/2006**
Permit Type:	**E**
Description:	**ELECTRICAL/ADD/TENANT IMPROVEMENT/ FAIRMONT HOTEL**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	
Permit Number:	E2005-2047
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	LEE AND SAKAHARA ARCHITECTS

Date:	**1/20/2006**
Permit Type:	**H**
Description:	**MECHANICAL/ADD/TENANT IMPROVEMENT "FAIRMONT HOTEL"**
Permit Description:	**Mechanical**
Work Class:	
Proposed Use:	
Permit Number:	H2005-1095
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	LEE AND SAKAHARA ARCHITECTS

ADJOINING PROPERTY FINDINGS

Date: **1/20/2006**
Permit Type: **P**
Description: **PLUMBING/ADD/TENANT IMPROVEMENT "FAIRMONT HOTEL"**

Permit Description: **Plumbing**
Work Class:
Proposed Use:
Permit Number: P2005-1588
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LEE AND SAKAHARA ARCHITECTS

Date: **1/19/2006**
Permit Type: **B**
Description: **(1) ILLUM MONUMENT SIGN "KOLL CENTER"**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2005-3913
Status:
Valuation: $28,000.00
Contractor Company:
Contractor Name: JB3D

Date: **1/19/2006**
Permit Type: **E**
Description: **ELECTRICAL/(1) ILLUM MONUMENT SIGN "KOLL CENTER"**

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: E2005-2396
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JB3D

ADJOINING PROPERTY FINDINGS

Date: **7/29/2005**
Permit Type: **B**
Description: **TENANT IMPROVEMENT/UPGRADE GUESTROOMS, FULLY ACC. BLDG.**

Permit Description: **Building**
Work Class:
Proposed Use:
Permit Number: B2005-1747
Status:
Valuation: $3,000,000.00
Contractor Company:
Contractor Name:

Date: **7/29/2005**
Permit Type: **E**
Description: **ELECTRICAL/UPGRADE 13 GSTRMS, ADD 9 GSTRMS**

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: E2005-0951
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **7/29/2005**
Permit Type: **H**
Description: **MECHANICAL/UPG 13 GSTRMS, ADD 9 GSTRMS**

Permit Description: **Mechanical**
Work Class:
Proposed Use:
Permit Number: H2005-0552
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/29/2005**
Permit Type: **P**
Description: **PLUMBING/UPG 13 GSTRMS, ADD 9 GSTRMS**

Permit Description: **Plumbing**
Work Class:
Proposed Use:
Permit Number: P2005-0788
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

VON KARMAN AVE

4440 VON KARMAN AVE

Date: **5/25/2018**
Permit Type: **X**
Description: **COMMERCIAL TENANT IMPROVEMENT OF THE ELEVATOR LOBBY 190 SF**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2018-1610
Status:
Valuation: $40,000.00
Contractor Company:
Contractor Name: TRI-CITY BUILDERS INC

ADJOINING PROPERTY FINDINGS

Date:	**3/7/2018**
Permit Type:	**X**
Description:	**Floor 1 Unit 100 COMMERCIAL TENANT IMPROVEMENT "JAG" 177 SF (WORK IN PROGRESS)**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2018-0651
Status:	
Valuation:	$6,300.00
Contractor Company:	
Contractor Name:	CREW BUILDERS INC

Date:	**11/29/2017**
Permit Type:	**X**
Description:	**COMMERCIAL (2) ILLUMINATED CHANNEL LETTER WALL SIGNS "PAY ASSIST"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-3796
Status:	
Valuation:	$9,500.00
Contractor Company:	
Contractor Name:	FREEHAND SIGN COMPANY

Date:	**8/21/2013**
Permit Type:	**X**
Description:	**COMMERCIAL - TENANT IMPROVEMENT TO ENLARGE CONF ROOM TO 416 SF "DYNTEK"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2013-2235
Status:	
Valuation:	$4,500.00
Contractor Company:	
Contractor Name:	BUILDRITE INC

ADJOINING PROPERTY FINDINGS

Date: **11/28/2011**
Permit Type: **X**
Description: **TENANT IMPROVEMENT & RESTROOM REMODEL "VIMPEX" 2,811 SF**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2011-2690
Status:
Valuation: $134,928.00
Contractor Company:
Contractor Name:

Date: **6/15/2010**
Permit Type: **X**
Description: **(2) SIGN "COMMERCE WEST BANK"**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2010-1308
Status:
Valuation: $8,500.00
Contractor Company:
Contractor Name:

Date: **3/31/2009**
Permit Type: **X**
Description: **TENANT IMPROVEMENT "DYNTEK" 2700 SF & RESTROOMS ACCESSIBILITY UPGRADE**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2009-0265
Status:
Valuation: $138,800.00
Contractor Company:
Contractor Name: IRITANI SUE

ADJOINING PROPERTY FINDINGS

Date: **3/12/2009**
Permit Type: **X**
Description: **(1) NON ILLUM SIGN "METLIFE HOME LOANS"**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2009-0175
Status:
Valuation: $2,000.00
Contractor Company:
Contractor Name: STELLAR INSTALLATIONS

Date: **6/9/2008**
Permit Type: **X**
Description: **TENANT IMPROVEMENT "AVALON BAY" STE 300 (3,531 SF)**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2008-0205
Status:
Valuation: $120,000.00
Contractor Company:
Contractor Name: SUE/SHLEMMER & ALGAZE

4490 VON KARMAN AVE

Date: **7/18/2019**
Permit Type: **F**
Description: **COMMERCIAL FIRE SRPINKLERS (8 HEADS) X2019-1786 "SMART CIRCLE"**

Permit Description: **Fire**
Work Class:
Proposed Use:
Permit Number: F2019-0416
Status:
Valuation: $3,800.00
Contractor Company:
Contractor Name: A & D FIRE SPRINKLERS INC

ADJOINING PROPERTY FINDINGS

Date:	**6/6/2019**
Permit Type:	**X**
Description:	**COMMERCIAL INSTL SOUND DOORS OR FRAME "SMART CIRCLE INTERNATIONAL" 200 SF (FLOORS 1 & 2)**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2019-1786
Status:	
Valuation:	$45,000.00
Contractor Company:	
Contractor Name:	ITX CONSTRUCTION/CONSULTAN TS

Date:	**11/23/2015**
Permit Type:	**F**
Description:	**COMMERCIAL FIRE SPRINKLER (7) HEADS (X2015-2618)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2015-0677
Status:	
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	ADVANCE FIRE PROTECTION CO

Date:	**11/19/2015**
Permit Type:	**F**
Description:	**COMMERCIAL - FIRE ALARM SYSTEM "CORE COMMERCIAL BANK" (X2015-2618)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2015-0664
Status:	
Valuation:	$4,635.00
Contractor Company:	
Contractor Name:	TRL SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **10/21/2015**
Permit Type: **X**
Description: **COMMERCIAL TENANT IMPROVEMENT - 1000 SF "CORE COMMERCIAL BANK"**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2015-2618
Status:
Valuation: $65,000.00
Contractor Company:
Contractor Name: ESPLANADE BUILDERS INC

Date: **10/5/2015**
Permit Type: **F**
Description: **COMMERCIAL FIRE ALARM (3) DEVICES (X2015-2802)**

Permit Description: **Fire**
Work Class:
Proposed Use:
Permit Number: F2015-0577
Status:
Valuation: $1,700.00
Contractor Company:
Contractor Name: VFS FIRE & SECURITY SVCS

Date: **9/24/2015**
Permit Type: **X**
Description: **COMMERCIAL - C/O ROOF TOP A/C, SAME LOCATION "SMART CIRCLE"**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2015-2802
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date:	**8/27/2015**
Permit Type:	**X**
Description:	**COMMERCIAL ALT PROIR TO TENANT IMPROVEMENT "CONE COMMERCIAL BANK"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2015-2450
Status:	
Valuation:	$2,250.00
Contractor Company:	
Contractor Name:	ESPLANADE BUILDERS INC

Date:	**12/23/2014**
Permit Type:	**F**
Description:	**COMMERCIAL - FIRE ALARM/TENANT IMPROVEMENT 'SMART CIRCLE INT'L' - 18 DEVICES (X2014-1410)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2014-0605
Status:	
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	VFS FIRE & SECURITY SVCS

ADJOINING PROPERTY FINDINGS

Date:	**11/18/2014**
Permit Type:	**F**
Description:	**COMMERCIAL FIRE SPRINKLER/TENANT IMPROVEMENT 191 HEADS 'SMART CIRCLE INT'L' (X2014-1410)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2014-0549
Status:	
Valuation:	$17,280.00
Contractor Company:	
Contractor Name:	J B FIRE PROTECTION

Date:	**7/24/2014**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT "SMART CIRCLE INT'L" 32,093 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2014-1410
Status:	
Valuation:	$1,139,302.00
Contractor Company:	
Contractor Name:	ITX CONSTRUCTION INC

Date:	**7/15/2014**
Permit Type:	**X**
Description:	**COMMERCIAL ALT PROIR TO TENANT IMPROVEMENT 32,093 SF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2014-2050
Status:	
Valuation:	$25,000.00
Contractor Company:	
Contractor Name:	ITX CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

4700 VON KARMAN AVE

Date:	**6/19/2017**
Permit Type:	**F**
Description:	**COMMERCIAL FIRE ALARM (4) DEVICES "WELLNESS CENTER" (X2015-3316)**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2017-0308
Status:	
Valuation:	$3,518.00
Contractor Company:	
Contractor Name:	REDHAWK FIRE & SECURITY

Date:	**5/9/2017**
Permit Type:	**X**
Description:	**COMMERCIAL - T/O BUR, APPLY CLASS "A" JOHNS MANVILLE BUR CRRC 0662-0007a 80 SQS**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2017-1510
Status:	
Valuation:	$28,400.00
Contractor Company:	
Contractor Name:	SADDLEBACK ROOFING INC

ADJOINING PROPERTY FINDINGS

Date:	**1/12/2016**
Permit Type:	**X**
Description:	**COMMERCIAL TENANT IMPROVEMENT - 4,487 SF / COMMON RESTROOM/AREA 1,016 SF "WELLNESS CENTER"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2015-3316
Status:	
Valuation:	$400,000.00
Contractor Company:	
Contractor Name:	COASTAL PACIFIC CONST INC

4701 VON KARMAN AVE

Date:	**10/6/2003**
Permit Type:	**B**
Description:	**ILLUM CHANNEL SIGN "COMMERCE WEST BANK"**
Permit Description:	**Building**
Work Class:	
Proposed Use:	
Permit Number:	B2003-3155
Status:	
Valuation:	$3,900.00
Contractor Company:	
Contractor Name:	SIGNS BY BEACH

ADJOINING PROPERTY FINDINGS

Date: **10/6/2003**
Permit Type: **E**
Description: **ELECTRICAL/ILLUM SIGN**

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: E2003-1656
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SIGNS BY BEACH

4750 VON KARMAN AVE

Date: **9/4/2018**
Permit Type: **X**
Description: **COMMERCIAL REMOVE/REPLACE (E) 60 SQ B.U.R, CLASS B, CRRC #0676-0086**

Permit Description: **Building Combo**
Work Class:
Proposed Use:
Permit Number: X2018-2639
Status:
Valuation: $28,000.00
Contractor Company:
Contractor Name: GUARDIAN ROOFS

ADJOINING PROPERTY FINDINGS

Date:	**12/5/2013**
Permit Type:	**F**
Description:	**COMMERCIAL - REPLACE EXTG FIRE ALARM CONTROL UNIT "CROUDACE & DIETRICH"**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2013-0597
Status:	
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	BAY ALARM CO

Date:	**7/10/2012**
Permit Type:	**P**
Description:	**PLUMBING/ WATER HEATER C/O**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	
Permit Number:	P2012-0339
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ALL STAR WATER HEATERS INC

ADJOINING PROPERTY FINDINGS

4770 VON KARMAN AVE

Date:	**12/5/2019**
Permit Type:	**X**
Description:	**COMMERCIAL A/C CHANGE OUT ON ROOF**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2019-3864
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	CB CONTROLS

Date:	**11/26/2018**
Permit Type:	**F**
Description:	**COMMERCIAL - UPGRADE FIRE ALARM SYSTEM (PHONE LINES TO WIRELESS COMMUNICATION) KLEIN AND WILSON**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2018-0621
Status:	
Valuation:	$6,000.00
Contractor Company:	
Contractor Name:	ALARM CENTRAL INC

ADJOINING PROPERTY FINDINGS

Date:	**7/2/2015**
Permit Type:	**F**
Description:	**COMMERCIAL FIRE ALARM- (55) DEVICES X2015-0946**
Permit Description:	**Fire**
Work Class:	
Proposed Use:	
Permit Number:	F2015-0355
Status:	
Valuation:	$8,300.00
Contractor Company:	
Contractor Name:	STANLEY CONVERGENT SECURITY SOL

Date:	**6/27/2015**
Permit Type:	**X**
Description:	**COMMERCIAL - T/O BUR, INST CLASS "A" TITLE 24 ROOF 73 SQS CRRC #0662-0039**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2015-1800
Status:	
Valuation:	$26,150.00
Contractor Company:	
Contractor Name:	HOWARD ROOFING COMPANY INC

Date:	**5/22/2015**
Permit Type:	**X**
Description:	**COMMERCIAL - INSTALL MOBILE FILING SYSTEM AT STORAGE ROOM**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2015-1403
Status:	
Valuation:	$7,500.00
Contractor Company:	
Contractor Name:	MTM BUSINESS SYSTEMS

ADJOINING PROPERTY FINDINGS

Date:	**5/19/2015**
Permit Type:	**X**
Description:	**COMMERCIAL/ TENANT IMPROVEMENT 7250 SF "KLEIN AND WILSON"**
Permit Description:	**Building Combo**
Work Class:	
Proposed Use:	
Permit Number:	X2015-0946
Status:	
Valuation:	$319,000.00
Contractor Company:	
Contractor Name:	COMMERCE CONSTRUCTION CO L P

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

APPENDIX J

PREVIOUS ENVIRONMENTAL REPORTS



EEI
Engineering Solutions

PHASE I ENVIRONMENTAL SITE ASSESSMENT

The Koll Center Residences – Newport
Assessor's Parcel Numbers 445-131-29 and -30 (portion of)
4400 Von Karman Avenue
Newport Beach, Orange County, California 92660

November 15, 2016
(Revised June 9, 2017)

EEI Project Number SHO-72189.1

Corporate Office: 2195 Faraday Ave., Suite K, Carlsbad, CA 92008-7207 Ph: 760-431-3747 www.eeitiger.com
Camarillo * Carlsbad * Pleasanton * Sacramento * Reno

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Prepared for:

Mr. Michael Murphy
Director of Development
Shopoff Land Fund II, LP
2 Park Plaza, Suite 700
Irvine, California 92614

Subject property location:

The Koll Center Residences – Newport
APNs: 445-131-29 and -30 (portion of)
4400 Von Karman Avenue
Newport Beach, Orange County, California 92660

Prepared and Edited by:



Ryan T. Merkey
Project Scientist

Reviewed by:



Brian R. Brennan, M.Sc.
Senior Project Manager

EEI
2195 Faraday Avenue, Suite K
Carlsbad, California 92008-7207
(760) 431-3747

EEI Project Number SHO-72189.1

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Appendix E – Owner/User Provided Information
Appendix F – Photographic Log
Appendix G – Vapor Encroachment Screen User Questionnaire

GENERAL SITE INFORMATION

Project Information: The Koll Center Residences – Newport

EEI Project Number: SHO-72189.1

Subject Property Information:
Assessor's Parcel Numbers (APNs): 445-131-29 and -30 (portion of)
4400 Von Karman Avenue
Newport Beach, Orange County, California 92660

Subject Property Access Contact: Ms. Tiffany Marano, CBRE; Ph.: (949) 955-2131

Consultant Information:
EEI
2195 Faraday Avenue, Suite K, Carlsbad, California 92008
Phone: (760) 431-3747 **Fax:** (760) 431-3748
E-mail Address of Environmental Professional: bbrennan@eeitiger.com

Inspection Date: October 27, 2016 **Report Date:** November 15, 2016 *(Revised June 9, 2017)*

Client Information:
Shopoff Land Fund II, LP
Attn: Mr. Michael Murphy
2 Park Plaza, Suite 700
Irvine, California 92614

Site Assessor:
David Kaufman – Staff Scientist

EP Certification:
I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10 (**Resume, Appendix A**).



_____
Brian R. Brennan, M.Sc. – Senior Project Manager

AAI Certification:
We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



_____
Brian R. Brennan, M.Sc. – Senior Project Manager

EXECUTIVE SUMMARY

At the request and authorization of Shopoff Land Fund II, LP (Client), EEI conducted a Phase I Environmental Site Assessment (ESA) for the subject property located at 4400 Von Karman Avenue, Newport Beach, Orange County, California. The purpose of this Phase I ESA was to assess 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 (i.e., *recognized environmental condition* as delineated in ASTM International E1527-13). A D*e minimis* condition is not considered a *recognized environmental condition*.

The subject property is located at 4440 Von Karman Avenue, in a commercial area of the City of Newport Beach, Orange County, California. The property is a part of a commercial development known as "Koll Center Newport". The property currently consists of one (1) parcel that encompasses approximately 6.216-acres (Assessor's Parcel Number, APN 445-131-29), and an approximate 0.49-acre portion of an adjacent parcel (APN 445-131-30) that overall encompasses 20.179-acres. The majority of the subject property is occupied by asphalt-covered parking and driving areas, with some landscaped areas. According to the Client, the subject property will be redeveloped into The Koll Center Residences. The proposed future development will include three (3) residential structures and subterranean parking along the northern portion, and a subterranean as well as above ground parking structure on the southern portion. EEI understands that the Client will be purchasing and redeveloping the northern portion, and providing construction services on the southern portion, while ownership will remain with the current property owner.

In general, the subject property is located approximately 0.44-mile southeast of John Wayne Airport, in the northeastern portion of the City of Newport Beach. The northern section of the subject property (APN 445-131-29), is bordered by asphalt-covered parking and driving areas, and commercial buildings (4440 Von Karman Avenue and 4910 Birch Street) to the north, and asphalt-covered parking and driving areas to the south, followed by commercial buildings (4350 Von Karman Avenue and 5000 Birch Street). Birch Street bounds the northern section of the subject property to the east, followed by commercial development, and Von Karman Avenue bounds the northern portion of the subject property to the west, followed by commercial development.

Based on historical records such as aerial photographs, and topographic maps, the subject property was undeveloped land prior to 1972, with the southern section of the subject property, and portions of the northern section developed with paved parking and driving areas from at least 1977. The northern portion of the subject property was fully paved with parking and driving areas, with some landscaping by 1985. The adjacent property to the north, south and west were developed with commercial buildings by 1977, and by 1985, the adjacent property dividing the northern and southern portions of the subject property was occupied by a commercial building. Commercial development appeared in the surrounding area beginning in the 1970s, and continued to increase overtime.

EEI contacted the Orange County Health Care Agency Environmental Health (OCHCA), Newport Beach Building Department, Newport Beach Fire Department, and reviewed other state and federal databases to determine if the subject property, or any adjacent properties, were listed as hazardous waste generators, underground storage tank (UST) releases, or as having other environmental concerns i.e., spill, leak, or aboveground storage tank [AST]). To date, EEI has yet to receive a response from the OCHCA. However, EEI does not anticipate the lack of response form the OCHCA to affect the outcome of the

report. Furthermore, the subject property was not listed under any of the databases searched.

The adjacent property to the north, **Koll Center Newport #4** (4910 Birch Street, 0.062 mile north-northeast), reported a gasoline release in 1997. According to the information reviewed, the case was closed by the lead agency, OCHCA as of March 2002. According to the information reviewed, a single 1,200-gallon gasoline UST was removed from the site in 1993 which spurred a subsurface investigation which has included groundwater well monitoring. The summary stated that approximately 911.98 tons of gasoline-contaminated soil was over excavated and removed from the site during November 1993. In addition, a dual-phase soil vapor extraction system (DPSVES) was operated onsite, removing approximately 2,063,000 cubic feet of petroleum hydrocarbon vapors, and treating approximately 2,980,000 gallons of petroleum hydrocarbon-impacted groundwater. The DPSVES was operated until target cleanup concentration levels for groundwater were obtained.

The final groundwater sample event indicated maximum concentrations of naphthalene (600 parts per billion [ppb]) and 1,2,4-trimethylbenzene (350 ppb) detected in groundwater samples exceeded their respective California Drinking Water Action Levels. Several other VOCs unrelated to the UST's operation were also detected in the groundwater, which included Tetrachloroethene (PCE) and Trichloroethene (TCE) were detected with maximum concentrations of 10 ppb and 100 ppb, respectively. A health risk assessment was conducted during UST closure using the site's former maximum levels of contamination. It was determined that residual VOC contamination beneath the site did not pose a health risk to occupants of the site's buildings, and prompted the Orange County Health Care Agency to recommend no further corrective action for the site.

On February 3, 2015, RM Environmental, Inc. (RM) completed a subsurface investigation at the subject property as part of a proposed real estate transaction. RM advanced six (6) soil borings to approximately 17 to 30 feet bgs on the northern sections of the subject property to evaluate the potential of residual VOC contamination in the underlying soil, soil vapor and groundwater. Groundwater was encountered at a depth of approximately 22 feet bgs. Four (4) soil and four (4) groundwater samples were analyzed for TPH-gasoline via USEPA Test Method 8015, and for VOCs and fuel oxygenates via USEPA Test Method 8260B. All soil and groundwater results were below laboratory detection levels (i.e., "non-detect"). Upon collection of soil and/or groundwater samples, temporary vapor probes were set at 15 feet bgs, and soil vapor samples were collected from each of the six (6) borings and placed in laboratory supplied Summa containers. Each of the soil gas samples were analyzed for VOCs and fuel oxygenates using USEPA Test Method TO-15. The results of the soil gas samples analysis indicated concentrations of the following VOCs with their respective maximum concentrations in parenthesis: acetone (to 180 micrograms per cubic meter [$\mu g/m^3$]), 2-butanone (to 36 $\mu g/m^3$), chloroform (to 21 $\mu g/m^3$), benzene (to 22 $\mu g/m^3$), 4-methyl-2-pentanone (to 23 $\mu g/m^3$), toluene (to 140 $\mu g/m^3$), ethylbenzene (to 29 $\mu g/m^3$), total xylenes (to 103 $\mu g/m^3$), styrene (18 $\mu g/m^3$), and isobutene (3,800 $\mu g/m^3$). The soil gas samples were compared to the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) and Department of Toxic Substances Control (DTSC) California Human Health Screening Levels (CHHSLs) for a residential land use. No VOC concentrations were detected in soil gas above the screening level values. RM indicated that an acceptable soil gas health risk (risk less than 1/1,000,000) was identified for each of the soil gas probe locations.

The adjacent property to the south of the southern portion of the subject property; **The Conexant Systems, Inc. (Former Rockwell Intl Semi-Conductor Division)**, also listed as **Rockwell International Corp** (4311 Jamboree Road, 0.131 mile south-southwest), is associated with a release of chlorinated solvents that was discovered in 1984, and resulted in soil and groundwater impacts. The leak has since been

stopped, and the release has undergone site investigation and remediation that included operation of a High Vacuum Soil Vapor Extraction System (HVSVES). The HVSVES system utilized a total of 28 vapor extraction wells and system optimization was performed on a weekly basis by opening or closing specific wells to maximize mass removal efficiency. As of December 31, 2015, the system had operated 86 percent of the available runtime and removed a total mass of approximately 14,400 pounds of VOCs and TPH since system startup. The HVSVES system was shut down on January 4, 2016 and was decommissioned and removed from the site on January 26, 2016.

Per a Santa Ana Regional Water Quality Control Board (SARWQCB) directive, as of February 2016, site-wide groundwater monitoring had been reduced from a frequency of quarterly to annually. The next annual groundwater sampling and gauging event is tentatively scheduled for March 2017. In January 2016, the site's consultant submitted to the SARWQCB a work plan addendum proposing enhanced in-situ bioremediation (EISB) pilot tests at the site. The proposed pilot tests described in the work plan are reported to provide additional data to determine the full-scale Corrective Action Plan implementation. Approval of the work plan is pending.

As of February 2016, groundwater beneath the Conexant facility appears to be traveling towards the northwest when not influenced by pump-and-treat remediation activities. Groundwater monitoring wells M-29 and M-30, located northwest and in the central portion of the southern portion of the site, respectively, were non-detect for VOCs. Based on the February 2016 groundwater data, regulatory agency oversight and active remediation, along with the proposed future use of the subject property as a parking garage, the Conexant facility does not pose a significant environmental concern and no further assessment appears to be warranted at this time.

On October 26, 2016, EEI personnel conducted a site reconnaissance to physically observe the subject property and adjoining properties for conditions indicating a potential environmental concern. Concerns would include any evidence of contamination, distressed vegetation, petroleum-hydrocarbon staining, waste drums, illegal dumping, or improper waste storage and/or handling. No evidence of environmental concerns was noted on the subject property or adjacent property during our site reconnaissance.

EEI performed a Vapor Encroachment Screen (VES) for the subject property, in accordance with ASTM E2600-10. The purpose was to evaluate whether sites (e.g., gas stations, dry cleaners, or other listings of environmental concern) that store or dispose of potential chemicals of concern or have documented releases, may migrate as vapors onto the property, as a result of contaminated soil and/or groundwater which may be present on or near the property (i.e., a potential Vapor Encroachment Condition or pVEC).

Based on our Tier 1 and Tier 2 evaluation, EEI provides the following findings. The northern portion of the subject property is located adjacent to a former closed LUST. Based on previous site assessment and mitigation activities, the results of a health risk assessment and regulatory closure, and results of RM's February 2015 soil, soil vapor and groundwater investigation, a VEC is not likely to exist on this portion of the subject property.

The southern portion of the subject property is located adjacent to the Conexant semi-conductor facility. Site assessment and mitigation associated with soil and groundwater impacts is ongoing. According to February 2016 monitoring data, chemicals of concern are present in groundwater beneath the Conexant site at concentrations above California Drinking Water Standards and within the critical distance of 30 feet to 100 feet from the subject property. However, Conexant groundwater monitoring wells M-29 and M-30, located northwest and in the central area of the southern portion of the subject property, respectively,

were non-detect for VOCs. Based on recent groundwater trends, active remediation, regulatory oversight, and the proposed use of the southern portion of the subject property as a parking structure, a VEC is not likely to exist at the subject property.

Findings and Opinions

Based on the information obtained in this ESA, EEI has the following findings and opinions:

- *Known or suspected RECs* – are defined by the ASTM Standard Practice E 1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

  No *known or suspected RECs* have been revealed during the preparation of this ESA.

- *Controlled RECs (CRECs)* – are defined by the ASTM Standard Practice E 1527-13 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 (e.g., as evidenced by the issuance of a NFA letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls)

  No *CRECs* have been revealed during the preparation of this ESA.

- *Historical REC's (HRECs)* – are defined by the ASTM Standard Practice E 1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls).

  The following *historical recognized environmental condition (HREC)* was identified during the preparation of this ESA:

  - The adjacent property (4910 Birch Street) located north of the northern portion of the subject property, is associated with a Leaking Underground Storage Tank (LUST) release that occurred in 1993, and resulted in soil and groundwater impacts. The UST has since been removed and the release has undergone site investigation and remediation that included excavation and disposal of approximately 912 tons of petroleum-hydrocarbon impacted-soil, and operation of a dual-phase extraction (DPE) system. A health risk assessment was also completed to evaluate remaining residual contamination and support regulatory closure. Using maximum contaminant values in groundwater, the excess cancer risk was calculated to be less than 1E-06. Based on site investigation, remediation and the results of the health risk assessment, the OCHCA granted regulatory closure of the LUST in 2002.

On February 3, 2015, RM advanced six (6) soil borings to approximately 17 to 30 feet bgs on the northern sections of the subject property to evaluate the potential of residual VOC contamination in the underlying soil, soil vapor and groundwater stemming from the adjacent release. The results of the investigation indicated that no concentrations of TPH-g or VOCs were detected above the laboratory reporting limit in any of the soil or groundwater samples collected. Laboratory analytical results for soil gas samples detected low levels of several VOCs. The VOC detections were compared to both the San Francisco Bay Regional Water Quality Control Board, Shallow Soil Gas Screening Levels and California Human Health Screening Levels (CHHSLs) for a residential land use scenario. No concentrations of VOCs were detected in soil gas above the referenced screening levels. Furthermore, RM stated that acceptable soil gas health risk (risk less than 1/1,000,000) was identified for each of the soil gas probes.

The former offsite LUST is considered to be a *historical recognized environmental condition (HREC).* Given the location of the release in proximity to the subject property, regulatory agency closure and results of the 2015 RM investigation, no further assessment appears to be warranted at this time.

- *De Minimis* Conditions – include environmental concerns identified which may warrant discussion but do not qualify as RECs, as defined by the ASTM Standard Practice E 1527-13.

  No *de minimis* condition was identified during the preparation of this ESA.

- Although not considered to be an REC, the following non-scope consideration was identified:

  - The northern and southern portions of the subject property is in proximity to two off-site documented releases (i.e., former LUST located at 4910 Birch Street and Conexant located at 4311 Jamboree Road). EEI understands that proposed future site improvements will include excavation and construction of subterranean parking structures. If suspected contaminated soil or groundwater is encountered during future construction activities, EEI recommends that the material be evaluated by an environmental professional, and if deemed necessary, characterized for off-site disposal.

Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-29 of APN 445-131-30, identified as 4400 Von Karman Avenue, the *subject property*. Any exceptions to, or deletions from this practice are described in **Section 7.0** of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the *subject property*, except for the following:

- The adjacent property (4910 Birch Street) located north of the northern portion of the subject property, is associated with a LUST release that occurred in 1993, and resulted in soil and groundwater impacts. The UST has since been removed and the release has undergone site investigation and remediation that included excavation and disposal of approximately 912 tons of petroleum-hydrocarbon impacted-soil, and operation of a DPE system. A health risk assessment was also completed to evaluate remaining residual contamination and support regulatory closure. Using maximum contaminant values in groundwater, the excess cancer risk

was calculated to be less than 1E-06. Based on site investigation, remediation and the results of the health risk assessment, the OCHCA granted regulatory closure of the LUST in 2002.

On February 3, 2015, RM advanced six (6) soil borings to approximately 17 to 30 feet bgs on the northern sections of the subject property to evaluate the potential of residual VOC contamination in the underlying soil, soil vapor and groundwater stemming from the adjacent release. The results of the investigation indicated that no concentrations of TPH-g or VOCs were detected above the laboratory reporting limit in any of the soil or groundwater samples collected. Laboratory analytical results for soil gas samples detected low levels of several VOCs. The VOC detections were compared to both the San Francisco Bay Regional Water Quality Control Board, Shallow Soil Gas Screening Levels and CHHSLs for a residential land use scenario. No concentrations of VOCs were detected in soil gas above the referenced screening levels. Furthermore, RM stated that acceptable soil gas health risk (risk less than 1/1,000,000) was identified for each of the soil gas probes.

The former offsite LUST is considered to be a *HREC.* Given the location of the release in proximity to the subject property, regulatory agency closure and results of the 2015 RM investigation, no further assessment appears to be warranted at this time.

1.0 INTRODUCTION

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) was to assess the possible presence of *recognized environmental conditions (RECs)* for the subject property located 4400 Von Karman Avenue, in Newport Beach, Orange County, California (**Figure 1**). *RECs* include property uses that may indicate 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. The term *RECs* is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment, and that would not be subject to enforcement action by a regulatory agency.

This ESA was performed in general conformance with the ASTM International *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, Designation E1527-13.

1.2 Scope of Services

The following scope of services was conducted by EEI:

- A review of readily available documents which included topographic, geologic, and hydrogeologic conditions associated with the subject property.
- A review of readily available maps, aerial photographs, and other documents relative to historical subject property usage and development.
- A review of previous environmental reports and regulatory file information pertaining to both existing and historic property conditions.
- A review of readily available federal, state, county, and city documents and database files concerning hazardous material storage, generation and disposal, active and inactive landfills, existing environmental concerns, and associated permits related to the subject property and/or immediately adjacent sites.
- A subject property reconnaissance to ascertain current conditions on the subject property.
- Interviews with person(s) knowledgeable of the subject property.
- The preparation of this report which presents our findings, conclusions, and recommendations.

1.3 Reliance

This ESA has been prepared for the sole use of Shopoff Land Fund II, LP (Client). This assessment should not be relied upon by other parties without the express written consent of EEI and Client. Any use or reliance upon this assessment by a party other than the Client, therefore, shall be solely at the risk of such third party and without legal recourse against EEI, its employees, officers, or directors, regardless of whether the action in which recovery of damages is brought or based upon contract, tort, statute or

otherwise.

This assessment should not be interpreted as a statistical evaluation of the subject property, but rather is intended to provide a preliminary indication of onsite impacts from previous property usage and/or the release of hazardous materials. If no significant indicators of the presence of hazardous materials and/or petroleum contamination are encountered during this search, this does not preclude their presence. The findings in this report are based upon published geologic and hydrogeologic information and information (both documentary and oral) provided by the Client (Shopoff Land Fund II, LP), City of Newport Beach, Environmental Data Resources, Inc. (EDR) ® (i.e., agency database search), various state and federal agencies, and EEI's field observations. Some of these data are subject to change over time. Some of these data are based on information not currently observable or measurable, but recorded by documents or orally reported by individuals.

2.0 PHYSIOGRAPHIC SETTING

2.1 Site Description

The subject property is located at 4400 Von Karman Avenue, in a commercial area of the City of Newport Beach, Orange County, California (**Figure 2**). The property is a part of a commercial development known as "Koll Center Newport". The property currently consists of one (1) parcel that encompasses approximately 6.216-acres (Assessor's Parcel Number, APN 445-131-29), and an approximate 0.49-acre portion of an adjacent parcel (APN 445-131-30) that overall encompasses 20.179-acres. The majority of the subject property is occupied by asphalt-covered parking and driving areas, with some landscaped areas. According to the Client, the subject property will be redeveloped into The Koll Center Residences. The proposed future development will include three (3) residential structures and subterranean parking along the northern portion, and a subterranean as well as above ground parking structure on the southern portion. EEI understands that the Client will be purchasing and redeveloping the northern portion, and providing construction services on the southern portion, while ownership will remain with the current property owner.

In general, the subject property is located approximately 0.44-mile southeast of John Wayne Airport, in the northeastern portion of the City of Newport Beach. The northern section of the subject property (APN 445-131-29), is bordered by asphalt-covered parking and driving areas, and commercial buildings (4440 Von Karman Avenue and 4910 Birch Street) to the north, and asphalt-covered parking and driving areas to the south, followed by commercial buildings (4350 Von Karman Avenue and 5000 Birch Street). Birch Street bounds the northern section of the subject property to the east, followed by commercial development, and Von Karman Avenue bounds the northern portion of the subject property to the west, followed by commercial development.

The southern section of the subject property (0.49-acre portion of APN 445-131-30), is bordered by asphalt and concrete-covered parking and driving areas to the north, and followed by commercial development. Asphalt-covered driving areas bound the subject property to the south, followed by commercial development (4311 Jamboree Road), and asphalt-covered parking and driving areas bound the subject property to the east and west, followed by commercial development. According to the City of Newport Beach, the zoning designation for the property is within the Koll Center Planned Community, which has been designated for commercial and light industrial uses.

Based on historical records such as aerial photographs, and topographic maps, the subject property was undeveloped land prior to 1972, with the southern section of the subject property, and portions of the northern section developed with paved parking and driving areas from at least 1977. The northern portion of the subject property was fully paved with parking and driving areas, with some landscaping by 1985. The adjacent property to the north, south and west were developed with commercial buildings by 1977, and by 1985, the adjacent property dividing the northern and southern portions of the subject property was occupied by a commercial building. Commercial development appeared in the surrounding area beginning in the 1970s, and continued to increase overtime.

2.2 Topography

The subject property is located on the United States Geological Survey (USGS), Tustin, 7.5-Minute Quadrangle (USGS, 2012). The map indicates the subject property is located north of the San Diego Creek area with an elevation ranging from approximately 45-feet above mean sea level (amsl) within the southwestern corner of the northern section of the subject property, to approximately 53-feet amsl within the northeastern corner of the northern section of the property. Elevation within the southern section of the subject property ranges between 49-feet amsl within the southern corner, to approximately 51-feet amsl within the northern corner of the property. Surface water generated on the property appears to flow in a southwesterly direction to the lower elevations and eventually into the local storm drain system.

2.3 Regional and Local Geology

The subject property lies within Newport Bay, at the foot of the Newport Mesa. The Newport Mesa is an uplifted area of the Coastal Plain, in the southern portion of the Los Angeles Basin. This portion of the basin is a northwest trending structural depression filled with a thick (>10,000 feet) sequence of sedimentary deposits, underlain by mostly Mesozoic aged plutonic and metamorphic rocks.

The subject property and vicinity is underlain chiefly by Quaternary terrace deposits overlying Miocene Monterey Formation. Soil in the vicinity of the property has been identified by the United States Department of Agriculture - National Resource Conservation Service (USDA, 2016) as belonging to a mixture of sandy loams of the Myford Series and Xeralfic arents, loamy, at 2 to 9 percent slopes. The soils of the Myford Series are deep, moderately well drained soils formed on terraces. These have medium to rapid runoff; and very slow permeability. The Xeralfic arents consists of well drained soils. They formed in sandy marine deposits.

The City of Newport Beach is located in the northern part of the Peninsular Ranges Province, an area that is exposed to risk from multiple earthquake fault zones. The highest risks originate from the Newport-Inglewood fault zone, the Whittier fault zone, the San Joaquin Hills fault zone, and the Elysian Park fault zone, each with the potential to cause moderate to large earthquakes that would cause ground shaking in Newport Beach and nearby communities. (General Plan EIR Update, 2006).

2.4 Regional and Local Hydrogeology

According to the California Regional Water Quality Control Board -Santa Ana Region (CRWQCB, 1995), the subject property is located in the East Coastal Plain Hydrologic Subarea (HSA), of the Lower Santa Ana River Hydrologic Area (HA) of the Santa Ana River Hydrologic Unit (HU) (801.11). Groundwater in the East Coastal Plain HSA has been identified as beneficial for municipal, domestic, agricultural, industrial service,

and industrial process supplies. In general, groundwater in this area has been designated as beneficial for domestic/municipal, agricultural, and industrial uses.

The subject property lies within the Newport Beach Groundwater Management Zone. Based on site observations, regional groundwater flow direction in the vicinity of the property is generally towards the northwest. Surface drainage in the site area generally flows south towards Newport Bay and the Pacific Ocean beyond.

EEI reviewed the California Department of Water Resources Water Data Library (WDL, 2016) Website for information regarding wells and depth to groundwater information. A review of the website indicated no public water wells are located on the subject property. One well located 0.54 mile east-southeast of the property, identified as state well No. 06S09W07J001S, reported depth to groundwater to range between 41.71 feet bgs to 43.74 feet bgs, as measured in 2010.

2.5 Hydrologic Flood Plain Information

EEI reviewed the Federal Emergency Management Agency (FEMA, 2016) Flood Insurance Rate Map (FIRM) online database to determine if the subject property was in a flood zone. According to FIRM Number 06059C0286J Panel No. 286 of 539 – effective December 3, 2009, the subject property is located within flood Zone X. FEMA defines Zone X as areas of minimal flood hazard. A copy of the FIRM is included in **Appendix B**.

3.0 SUBJECT PROPERTY BACKGROUND

3.1 Property Ownership

Information regarding ownership of the subject property was obtained from a Preliminary Title Report (PTR) prepared for the property by First American Title Company on September 21, 2016. According to the PTR, the current owner of the property, identified as Tentative Tract No. 17852, is listed as KCN A Management, LLC, a Delaware limited liability company and John Hancock Life Insurance Company (U.S.A.), a Michigan corporation, as their interests appear of record. A copy of the PTR with a detailed parcel description is included in **Appendix B.**

3.2 Property History

EEI reviewed readily available information sources to evaluate historic land use in and around the subject property. These information sources include aerial photographs, USGS maps, and City of Newport Beach Building Department files. The information sources are reviewed in the following sections.

3.2.1 Historical Use Review

Aerial photographs and historical topographical maps were reviewed to identify historical land development and any surface conditions which may have impacted the subject property. Aerial photographs and historical topographic maps dating between 1896 and 2012 were obtained and reviewed from Environmental Database Search (EDR®), an environmental information/database retrieval service. A 2016 aerial photograph, with the approximate subject property boundary outlined, is included herein (**Figure 2**). **Table 1** summarizes the results of the aerial photograph and historical topographic map review. Copies of the aerial photographs and historical

topographic maps provided by EDR are included in **Appendix C**.

Based on the information reviewed, the subject property was undeveloped land prior to 1972, with the southern section of the subject property, and portions of the northern section developed with paved parking and driving areas from at least 1977. The northern portion of the subject property was fully paved with parking and driving areas, with some landscaping by 1985. The adjacent property to the north, south and west were developed with commercial buildings by 1977, and by 1985, the adjacent property dividing the northern and southern portions of the subject property was occupied by a commercial building. Commercial development appeared in the surrounding area beginning in the 1970s, and continued to increase overtime.

TABLE 1
Summary of Historical Use Review

Year	Source and Scale	Comments
1896	Topographic Map 1:62,500	The subject property appeared as undeveloped land. Swamp/marshland was located north, south and east of the subject property. Railroad tracks were noted northwest of the subject property. Minor road development to the north of the subject property was also noted.
1901/ 1902	Topographic Map 1:62,000/125,000	No apparent changes were noted on the subject property or adjacent properties since the 1896 topographic map. Increased road and structural development to the south and east of the subject property.
1932	Topographic Map 1:31,680	No apparent changes were noted on the subject property or adjacent property since the 1902 topographic map. An undeveloped road appeared in the vicinity of the subject property to the southeast. Increased development was observed to the west-southwest of the subject property, and one (1) well was depicted to the south-southeast of the subject property.
1935	Topographic Map 1:31,680	No apparent changes were noted on the subject property or adjacent property since the 1932 topographic map. MacArthur Boulevard appeared to the west of the subject property trending north-northwest to south.
1938	Aerial Photograph 1:500 feet	The subject property and adjacent property appeared as undeveloped land. A dirt road appeared within the vicinity of the subject property to the southeast.
1946/ 1952	Aerial Photograph 1:500 feet	No apparent changes were noted on the subject property or adjacent property since the 1938 photograph. MacArthur Boulevard was present to the west, an airport present to the northwest, and dikes present to the northeast of the subject property.
1948/ 1950	Topographic Map 1:24,000	No apparent changes were noted on the subject property or adjacent property since the 1935 topographic map. Dikes located to the northeast and southeast of the subject property were depicted on the map. Orange County Airport located to the northwest of the subject property was also noted. San Joaquin Dam located to the south of the subject property was also visible. The well previously reported to the south-southeast was no longer listed.
1963	Aerial Photograph 1:500 feet	Grading activity appeared to be visible on the subject property. Commercial development to the southwest and east of the subject property was also noted.
1965	Topographic Map 1:24,000	No apparent changes were noted on the subject property or adjacent property since the 1950 topographic map. Dikes located to the northeast and southeast of the subject property are now labeled “duck ponds”. MacArthur Boulevard changed orientation, now trending from the south to the north-northeast.
1972	Aerial Photograph 1:500 feet	No apparent changes were noted on the subject property or adjacent property to the north and west since the 1963 photograph. Adjacent property to the south and east developed with a light industrial structure and associated parking lot, respectively. Removal of the duck ponds to the northeast and increased commercial development in the vicinity of the subject property.

TABLE 1
Summary of Historical Use Review

Year	Source and Scale	Comments
1972	Topographic Map 1:24,000	No apparent changes were noted on the subject property or adjacent property since the 1965 topographic map. Duck ponds to the northeast removed and replaced with commercial structures. Interstate 405 located northeast of the subject property is depicted on the map. Increased commercial development within the vicinity of the subject property is also noted.
1977	Aerial Photograph 1:500 feet	Two (2) three-story office buildings that currently border the subject property to the north, and the office buildings that currently border the subject property to the west, along with their associated asphalt-covered parking areas are present. Northern portion of the subject property is partially paved as a parking lot/drive area, while the bulk of the property appears graded. Southern portion of subject property currently paved and used as driving/parking area. Birch Street is located east of the subject property, and Von Karman Avenue is located west of the subject property. Increased commercial development within the vicinity of the subject property is observed.
1981	Topographic Map 1:24,000	The subject property is bordered by commercial structures to the south and east. Von Karman Avenue is located north and west of the subject property. Increased commercial development within the vicinity of the subject property is noted.
1985/ 1989/ 1990/ 1994/ 2005/ 2009/ 2010/ 2012	Aerial Photograph 1:500 feet	The northern portion of the subject property appeared paved, with some landscaping, and was utilized as parking/driving areas. No apparent changes were noted on the southern portion of the subject property. A large commercial structure appeared separating the northern and southern portions of the subject property. Increased commercial development within the vicinity of the subject property was noted.
2012	Topographic Map 1:24,000	The subject property and adjacent property are within a heavily urbanized area.
2016	Aerial Photograph Google Earth (Color)	Subject property appeared in its current configuration, which consists of asphalt paved parking and driving areas, with some landscaping.

3.2.2 City/County Directories

According to the County of Orange Land Use Planning Department, the subject property does not have a designated street address, which the client listed for purposes of this report as 4400 Von Karman Avenue. Directory listings associated with the street addresses located adjacent to and surrounding the subject property was obtained from EDR®, an environmental information/database retrieval service. Directory listings associated with the streets located adjacent and surrounding the subject property was obtained from EDR®, an environmental information/database retrieval service. The following information was obtained.

Adjacent and nearby street address listings for the 5100 block of Birch Lane, 4300 and 4400 blocks of Von Karman Avenue, 4500 block of Jamboree Road, 4600 block of Teller Avenue, and 4300 block of Von Kannan Avenue were reported in the directories searched dating from 1920 through 2013. Listings associated with these street addresses appeared with predominantly commercial occupants. A copy of the City Directory Report is provided in **Appendix C**.

3.2.3 Sanborn Fire Insurance Maps

EEI researched available Sanborn Fire Insurance Maps of the subject property. Sanborn Maps provide detailed information on site structures, uses, and occupancies and were typically utilized by insurance companies to evaluate potential fire risk. EEI requested a Sanborn map search from EDR®, an environmental information/database retrieval service. According to EDR, there is not Sanborn map coverage for the area of the subject property (**Appendix C).**

3.2.4 City of Newport Beach Building and Planning Department Files

EEI contacted the City of Newport Beach Building and Planning Department to review any existing building permit and planning files related to the subject property, which has a zoning designation within the Koll Center zoning district. The City responded in a letter dated November 3, 2016 that they have no records on file pertaining to the subject property.

Additionally, EEI researched building permits pertaining to the subject property on the City's online building permit database. Eighteen (18) permits related to activities including; traffic studies, code amendment, environmental impact reporting, and reorganizing lots to match up with management responsibilities were on file, dated from 2013 to 2016. None of the permits reviewed indicted an environmental concern.

3.3 Regulatory Database Search

EEI reviewed known electronic database listings for possible hazardous waste generating establishments in the vicinity of the subject property, as well as adjacent sites with known environmental concerns. Facilities were identified by county, state, or federal agencies that generate, store, or dispose of hazardous materials. The majority of information in this section was obtained from EDR®, an environmental information/database retrieval service. A copy of the EDR® report is provided in **Appendix D**, along with a description of the individual databases. The subject property was not listed in any of the databases reviewed.

Following is a list of databases that were reviewed in the preparation of this report.

3.3.1 Standard Environmental Records

Federal National Priority site list (NPL) – No listings were reported within a one mile radius of the subject property.

Federal Delisted NPL site list – No listings were reported within a one mile radius of the subject property.

Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list – No listings were reported within a one-half mile radius of the subject property.

Federal CERCLIS No Further Assessment Planned (NFRAP) site list – Two (2) listings were reported within a one-half mile radius of the subject property. Based on the location of both sites (i.e. greater than one-eighth mile from the subject property), and regulatory agency oversight of the cases, these sites are not considered an environmental concern.

Federal Resource Conservation Recovery Act (RCRA) Corrective Action Sites (CORRACTS) facilities list – Two (2) listings were reported within a one mile radius of the subject property. Based on the location of both sites (i.e. greater than one-eighth mile from the subject property), and regulatory agency oversight of the cases, these sites are not considered an environmental concern.

Federal RCRA non-CORRACTS Treatment, Storage and Disposal (TSD) facility list (RCRA-TSDF) – One listing was reported within a one-half mile radius of the subject property. Based on the location (i.e. greater than one-eighth mile from the subject property), and regulatory agency oversight of the case, this site is not considered an environmental concern.

Federal RCRA generators list (RCRA-LQG SQG CESQG) Nine (9) listings were reported within a one-quarter mile radius of the subject property, of which, two (2) listings; **Koll Co KCN 4 The** (4910 Birch Street, 0.062 mile north-northeast), and **Hotel Meridian**, also listed as **The Sutton Place Hotel** (4500 MacArthur Boulevard, 0.096 mile northwest), were reported within a one-eight mile radius of the subject property, and were reported as small quantity generators (SQG) hazardous waste generator sites (i.e. generates less than 1,000 kg of hazardous waste during a month). Generator permits are not generally rationale for environmental concern, unless a release has occurred at the site. None of the listings were listed with a release on the LUST database or as having a documented release; therefore, are not considered to be an environmental concern.

Federal institutional controls/engineering controls (IC/EC) registries (US INST CONTROL) – One (1) listing was reported within a one-half mile radius of the subject property. Based on the location of the site (i.e. greater than one-eighth mile from the subject property), and regulatory agency oversight, this site is not considered to be an environmental concern.

Federal Emergency Response Notification System (ERNS) – No listings were reported for the subject property.

3.3.2 State and Regional Sources

State and Tribal equivalent NPL sites – One (1) listing was reported within a one mile radius of the subject property. Based on the site's location greater than one-eighth mile from the subject property and its current regulatory status, this listing is not considered to be an environmental concern.

State/Tribal equivalent CERCLIS (ENVIROSTOR) sites – Nine (9) listings were reported within a one mile radius of the subject property. Each site is located greater than one-eighth mile from the subject property. Based on this information and regulatory agency oversight of the cases, these sites are not considered to be an environmental concern.

State and tribal landfill and/or solid waste disposal site lists – No listings were reported within a one-half mile radius of the subject property.

A state and tribal leaking underground storage tank list (LUST) – Twenty-four (24) listings (some duplicated) were reported within a one-half mile radius of the subject property. Twenty-two (22) of the sites have been closed by a regulatory agency, are located more than one-eighth of a mile from the subject property, and/or are situated hydrologically cross- to down-gradient from the

subject property. Based on the relative distance, regulatory status, and/or inferred direction of groundwater flow; these sites are not considered to be an environmental concern.

Regarding the two (2) listings located within a one-eighth of a mile of the subject property, EEI reviewed the online database Geotracker®, which provides records on LUSTs, and Cleanup Program Sites, maintained by the State Water Resources Control Board (SWRCB), for more information regarding the case. The following is a summary of the information reviewed:

Koll Center Newport #4 (4910 Birch Street, adjacent to north), reported a gasoline release in 1997. According to the information reviewed, the case was closed by the lead agency, the Orange County Health Care Agency (OCHCA) as of March 2002. EEI reviewed the case closure summary dated December 5, 2001. According to the information reviewed, a single 12,000-gallon gasoline UST was removed from the site in 1993. An unauthorized release was identified, which resulted in site assessment and mitigation activities. According to the information reviewed the depth to groundwater at the site ranged between 15.02 feet bgs to 23.15 feet bgs. The summary stated that approximately 911.98 tons of gasoline-contaminated soil was over excavated and removed from the site during November 1993. In addition, a dual-phase soil vapor extraction system (DPSVES) was operated on site between January 1999 and February 2001, removing approximately 2,063,000 cubic feet of petroleum hydrocarbon vapors, and treating approximately 2,980,000 gallons of petroleum hydrocarbon-impacted groundwater. The DPSVES was operated until target cleanup concentration levels for groundwater were obtained. Target cleanup levels used for the completion of active remediation were the "low risk" threshold concentration levels for groundwater developed by the Regional Board as described in the Regional Board's January 26, 1996 guidance document on low-risk case designation.

The final groundwater sample event, conducted prior to December 2001, included full scan EPA laboratory method 8260 to identify all volatile organic compounds (VOCs), including fuel oxygenates. With the exception of maximum concentrations of naphthalene (600 parts per billion [ppb]) and 1,2,4-trimethylbenzene (350 ppb) detected in groundwater samples, other VOCs detected were below their respective California Drinking Water Action Levels. At the time of the preparation of the closure summary, California's Drinking Water Action Levels for naphthalene and 1,2,4-trimethylbenzene were 170 ppb and 330 ppb, respectively.

Several VOCs unrelated to the UST's operation were also detected in the groundwater. Tetrachloroethene (PCE) and Trichloroethene (TCE) were detected with maximum concentrations of 10 ppb and 100 ppb, respectively. A health risk assessment was conducted using the site's former maximum levels of contamination. It was determined that residual VOC contamination beneath the site did not pose a health risk to occupants of the site's buildings, and prompted the Agency to recommend no further corrective action for the site.

Sanwa Bank Bldg. KCN, also listed as **Koll Center Newport #9** (4400 MacArthur Boulevard, 0.087 mile west-northwest), reported a diesel release in 1991 that was limited to soil. According to the information reviewed, the case was closed by the lead agency, OCHCA as of March 1993. Based on a soil only release, the case closure status, and the site being located hydrologically down-gradient from the subject property, this site is not considered to be an environmental concern.

Spills, Leaks, Investigation and Cleanup (SLIC) – Four (4) listings were reported within a one-half mile radius of the subject property. Each of the sites are located more than one-eighth of a mile from the subject property, and/or are situated hydrologically cross- to down-gradient from the

subject property. Based on the relative distance and/or inferred direction of groundwater flow; these sites are not considered to be an environmental concern.

State and tribal registered storage tank (CA UST) lists – Ten (10) listings were reported within a one-quarter mile radius of the subject property. Six (6) of the sites are located more than one-eighth of a mile from the subject property, and/or are situated hydrologically cross- to down-gradient from the property. Based on the relative distance and/or inferred direction of groundwater flow; these sites are not considered to be an environmental concern.

Four (4) listings were reported within a one-eighth of a mile of the subject property; **Koll Center Newport #4** (4910 Birch Street, 0.062 mile north-northeast), was listed as having a 12,000-gallon gasoline UST. However, the UST was reported removed in 1993, and is discussed under the LUST database section of this report. The remaining sites include **Koll Center Newport #11** (5000 Birch Street, 0.092 mile east), was listed within the database with no details pertaining to a registered UST; **Koll Center Newport #9**, also listed as **Sanwa Bank Bldg. KCN** (4400 MacArthur Boulevard, 0.087 mile west-northwest), was listed within the database with no details pertaining to a registered UST; **The Sutton Place Hotel**, also listed as **Meridian Hotel** (4500 MacArthur Boulevard, 0.096 mile northwest), was also listed within the database with no details pertaining to a registered UST. Based on regulatory status and/or lack of a documented release, these listings are not considered to be an environmental concern.

Above-ground storage tank (AST) lists – No listings were reported within a one-half mile radius of the subject property.

State and Tribal voluntary cleanup sites – No listings were reported within a one-half mile radius of the subject property.

CA Brownfields – No listings were reported within a one-half mile radius of the subject property.

Local Brownfield lists – No listings were reported within a one-half mile radius of the subject property.

Local Lists of Landfill and Solid Waste Disposal Sites – No listings were reported within a one-half mile radius of the subject property.

Local Lists of Hazardous Waste/Contaminated Sites (CA HIST) – One (1) listing was reported within a one mile radius of the subject property. However, the site is located greater than one-eighth mile from the property. Based on this information this site is not considered to be an environmental concern.

CA FID UST– Six (6) listings were reported within a one-quarter mile radius of the subject property. Four (4) of the sites are located more than one-eighth of a mile from the property, and/or are situated hydrologically cross- to down-gradient from the property. Based on the relative distance and/or inferred direction of groundwater flow; these sites are not considered to be an environmental concern.

Two (2) listings; **Koll Center Newport #4** (4910 Birch Street, 0.062 mile north-northeast) and **Meridian Hotel**, also listed as **The Sutton Place Hotel** (4500 MacArthur Boulevard, 0.096 mile northwest), were reported within a one-eighth of a mile of the subject property. **Koll Center Newport #4** (4910 Birch Street, 0.062 mile north-northeast) was previously discussed under the

LUST database section of this report. **Meridian Hotel**, also listed as **The Sutton Place Hotel** (4500 MacArthur Boulevard, 0.096 mile northwest), has not had a documented release and is located hydrologically cross-gradient from the subject property, and therefore, is not considered to be an environmental concern.

Historical UST (Hist UST) database – Two (2) listings were reported within a one-quarter mile radius of the subject property, and are located more than one-eighth of a mile from the property. Based on the relative distance, these sites are not considered to be an environmental concern.

Statewide Environmental Evaluation and Planning System (SWEEPS) UST – Six (6) listings were reported within a one-quarter mile radius of the subject property. Four (4) of the sites are located more than one-eighth of a mile from the property, and/or are situated hydrologically cross- to down-gradient from the property. Based on the relative distance and/or inferred direction of groundwater flow; these sites are not considered to be an environmental concern.

Two (2) listings; **Koll Center Newport #4** (4910 Birch Street, 0.062 mile north-northeast) and **Meridian Hotel**, also listed as **The Sutton Place Hotel** (4500 MacArthur Boulevard, 0.096 mile northwest), were reported within a one-eighth of a mile of the subject property, and were previously discussed under the LUST and CA FID UST database sections, respectively, of this report.

CA DEED – One listing was reported within a one-half mile radius of the subject property, and is located more than one-eighth of a mile from the property. Based on the relative distance, this site is not considered to be an environmental concern.

Records of Emergency Release Reports – No listings were reported for the subject property.

RCRA Non-Generator (NonGen/NLR) – Two (2) listings were reported within a one-quarter mile radius of the subject property. Based on the relative distance, these sites are not considered to be an environmental concern.

FINDS – No listings were reported for the subject property.

National Pollutant Discharge Elimination System (NPDES) – No listings were reported for the subject property.

CA Cortese – One (1) listing was reported within a one-half mile radius of the subject property. Based on the relative distance, this site is not considered to be an environmental concern.

CA Drycleaners – One (1) listing was reported within a one-quarter mile radius of the subject property. The site is located more than one-eighth of a mile from the property, and is situated hydrologically down-gradient from the property. Based on the relative distance and/or inferred direction of groundwater flow; this site is not considered to be an environmental concern.

CA HIST Cortese – Nineteen (19) listings were reported within a one-half mile radius of the subject property. Based on the location of seventeen of the sites (i.e. farther than one-eighth of a mile and/or hydrologically cross gradient), and/or absence of a documented release; these sites are not considered to be an environmental concern.

Two (2) listings; **Koll Center Newport #4** (4910 Birch Street, 0.062 mile north-northeast) and **Sanwa Bank Bldg. KCN**, also listed as **Koll Center Newport #9** (4400 MacArthur Boulevard, 0.087 mile west-northwest), were reported within a one-eighth of a mile of the subject property, and were previously discussed under the LUST database section of this report.

CA HWP – Two (2) listings were reported within a one mile radius of the subject property. The sites are located more than one-eighth of a mile from the property, and are situated hydrologically cross-gradient from the property. Based on the relative distance and/or inferred direction of groundwater flow; these sites are not considered to be an environmental concern.

Notify 65 – One (1) listing was reported within a one mile radius of the subject property. The site is located more than one-eighth of a mile from the property, and is situated hydrologically cross-gradient from the property. Based on the relative distance and/or inferred direction of groundwater flow; this site is not considered to be an environmental concern.

NY Manifest – One (1) listing was reported within a one-quarter mile radius of the subject property. The site is located more than one-eighth of a mile from the property, and is situated hydrologically cross-gradient from the property. Based on the relative distance and/or inferred direction of groundwater flow; this site is not considered to be an environmental concern.

EDR US Historical Auto Station list – Six (6) listings were reported within a one-eighth mile radius of the property. The sites were reported as; **Koll Center Newport #11** (5000 Birch Street, 0.033 mile north-northeast), **Econo Lube N Tune, Inc.** (4911 Birch Street 0.059 mile north), **4621 Teller Avenue** (0.073 mile north-northeast), **4440 Von Karman Avenue** (adjacent to the north), **Mid-Atlantic Lubes, Inc.** (4343 Von Karman Avenue, 0.118 mile south-southwest), and as **Sanwa Bank Bldg. KCN**, also listed as **Koll Center Newport #9** (4400 MacArthur Boulevard, 0.087 mile west-northwest). Listings with a historic release were previously discussed under the LUST database section of this report. The remaining listings with an absence of a reported release is not considered to be an environmental concern.

EDR US Historical Cleaners – No listings were reported within a one-eighth mile radius of the subject property.

EDR Recovered Government Archives – No listings were reported for the subject property.

Orphan Summary - The EDR® database search report lists one (1) site identified as "orphan." EDR was unable to confirm the physical location of this site relative to the subject property or to assess whether it was located within the designated search radii. EEI attempted to locate this "orphan" site, to the extent possible, using various maps and our knowledge of the site area. Any "orphan" site determined to be within the designated search radii was included in our evaluation of the various listed site's potential to result in a recognized environmental condition relative to the subject property.

3.4 Regulatory Agency Review

3.4.1 City of Newport Beach Fire Department

EEI submitted a Freedom of Information Act (FOIA) request to the City of Newport Beach Fire

Department concerning any permit, inspection, UST, or cleanup information available for the subject property. EEI received a response from the City in a letter dated, November 3, 2016, stating the City has no record on file related to the subject property.

3.4.2 Orange County Health Care Agency Environmental Health

EEI submitted a FOIA request to the Orange County Health Care Agency (OCHCA) Environmental Health (EH) concerning any permit, inspection, UST, or cleanup information available for the subject property. OCHCA responded in a letter dated November 7, 2016 that they have no record on file for the subject property.

EEI reviewed the OCHCA online environmental databases (ochealthinfo.co/eh/home/reports) including the Aboveground Petroleum Storage Tank, Hazardous Waste Facilities, Industrial Cleanup program, Local Oversight Program (LOP), Non-petroleum Underground Storage Tanks, and Underground Tank Facilities (UTF) Listing to determine if the subject property or any properties within the site vicinity were listed as having an environmental concern. The following is a summary of the databases reviewed.

Aboveground Petroleum Storage Tank

No listings were reported for the subject property nor any adjacent property.

Hazardous Waste Facilities Database

No listings were reported for the subject property nor any adjacent property.

Industrial Cleanup Program

No listings were reported for the subject property nor any adjacent property.

LOP

One (1) listing; **Koll Center Newport #4** (4910 Birch Street, adjacent to north), was reported as OCHCA case no. 93UT076. Leaded and unleaded gasoline were reported as the substances released to the environment. The site was granted regulatory case closure on March 4, 2002. Details regarding the release and subsequent cleanup are included in **Section 3.3.2 State and Regional Sources**.

Non-Petroleum Underground Storage Tanks

One (1) listing; **Conexant Systems, Inc. (Former Rockwell Intl Semi-Conductor Division)**, also listed as **Rockwell International Corp** (4311 Jamboree Road, adjacent property to the south), was reported with a release of trichloroethene, trichloroethylene, alcohol, methylene chloride and xylene to the environment. According to the database, as of August 23, 2002, the status of the UST was identified as closed. OCHCA case no. 84UT001 was assigned to the release, and is currently open and undergoing investigation. Details regarding the release are included in **Section 5.4 Tier 2 Screening – Plume Test**.

UTF

No listings were reported for the subject property nor any adjacent property.

3.4.3 California Department of Toxic Substances Control

EEI reviewed the Department of Toxic Substances Control (STSC) maintained online database, EnviroStor (2016), which provides records on LUSTs, SLICs, Priority cleanup sites and states sites. The subject property and adjacent property were not listed on the database.

3.4.4 State Water Resources Control Board

EEI reviewed the State Water Resources Control Board maintained online database, GeoTracker (2016), which provides records on LUSTs and SLIC sites, The subject property address was not listed on any of the databases reviewed. Several adjacent properties; **Koll Center Newport-A-Property**, also listed as **Koll Co KCN 4 The**, and as **Koll Center Newport #4** (4910 Birch Street, adjacent property to the north), **Koll Co**, also listed as **Koll Center Newport #9** (4400 MacArthur Boulevard, adjacent property to the west across Von Karman Avenue), and **Conexant Systems, Inc. (Former Rockwell Intl Semi-Conductor Division)**, also listed as **Rockwell International Corp** (4311 Jamboree Road, adjacent property to the south) were listed within the database. Gasoline and diesel releases were reported at the 4910 Birch Street and 4400 MacArthur Boulevard sites, respectively, impacting soil only, resulting in regulatory case closure by OCHCA, and were discussed under the LUST database (**Section 3.3.2**). Solvents were detected in soil, soil gas and groundwater at the Conexant site located at 4311 Jamboree Road site in 1984. Subsequent soil and soil vapor investigations indicated that the principal volatile organic compounds (VOCs) were trichloroethene (TCE), tetrachloroethene (PCE), methylene chloride (MeCl), and acetone. This site has an open case status (Santa Ana Regional Water Quality Control Board [SARWQCB] Case No. 083001040T), and was discussed under the LUST database (**Section 3.3.2**).

Nearby sites (located within a one-eighth mile radius of the subject property), listed as release sites and/or sites of potential concern were discussed in **Section 3.3** *Regulatory Database Search* and are not repeated here.

3.4.5 Review of Division of Oil, Gas and Geothermal Resources Files

Oil and gas wells were not observed at the subject property during our site reconnaissance. A review of the California Division of Oil, Gas, and Geothermal Resources Website for oil and gas fields in California and Alaska (CDOGGR, 2016) did not indicate the presence of oil and gas wells on or adjacent to the subject property (Township 06 South, Ranch 09 West, Section 07).

3.4.6 National Pipeline Mapping System

EEI reviewed the National Pipeline Mapping System public viewer website (NPMS, 2016) for gas transmission pipelines and hazardous liquid trunk lines on or close to the subject property. According to the information reviewed, no pipelines are located on or in close proximity to the subject property.

3.5 Interview with Current Property Owner

According to information provided by the Client, representatives of the current site owner were not available to provide information regarding the subject property; and therefore, an interview was not conducted. Based on the information gathered from readily available sources, EEI does not consider the absence of this interview to affect the validity of this Phase I ESA.

3.6 User Provided Information

Pursuant to ASTM E1527-13, EEI provided a Phase I ESA User Specific Questionnaire to the "user" (the person on whose behalf the Phase I ESA is being conducted), in this case, Mr. Michael R. Murphy, with Shopoff Land Fund II, LP. The following is a discussion of the information provided in the Phase I ESA User Specific Questionnaire, a copy of which is included in **Appendix E**.

3.6.1 Environmental Liens or Activity and Land Use Limitations

Mr. Murphy stated that he is unaware of any environmental liens or activity and use limitations (AULs) in association with the subject property. To supplement this information, the Client provided EEI with a PTR for the subject parcel prepared by First American Title Company, dated September 21, 2016 (Tentative Tract No. 17852). A review of the PTR confirmed the absence of any environmental liens or AULs associated with the subject property.

3.6.2 Specialized Knowledge

Mr. Murphy stated that he has no specialized knowledge or experience related to the property or nearby properties (i.e., knowledge of the chemicals or processes used by a type of business).

3.6.3 Valuation Reduction for Environmental Issues

Mr. Murphy stated that the purchase price being paid for the subject property reasonably reflects the fair market value of the property.

3.6.4 Presence or Likely Presence of Contamination

Mr. Murphy stated that he was not aware of any environmental issues related to the subject property.

3.6.5 Other

Mr. Murphy stated that the Phase I ESA is required for normal due diligence purposes prior to purchasing a property. According to Mr. Murphy, the subject property will be redeveloped into The Koll Center Residences. The proposed future development will include three (3) residential structures and subterranean parking along the northern portion, and a subterranean as well as above ground parking structure on the southern portion. EEI understands that the Client will be purchasing and redeveloping the northern portion, and providing construction services on the southern portion, while ownership will remain with the current property owner.

3.7 Previous Assessments

Based on the information provided by the property owner representative, and the client, KB Home Coastal Inc., previous site investigation activities have been conducted on the subject property. The following section summarizes the information EEI reviewed.

3.7.1 ENVIRON Corp, Phase I Environmental Site Assessment Update, Koll Newport Center Common Grounds, Newport Beach, California, dated August 30, 2006.

The above referenced ESA Update was conducted for the subject property located within the Koll Center Newport. The subject property consisted of approximately three-quarters of the roughly triangular area bounded by MacArthur Boulevard on the northeast, Birch Street on the south, and Jamboree Road on the west. The easterly portion of the triangle, which is not part of Koll Center Newport, consist of properties located immediately northwest of Jamboree Road between Birch Street and Fairchild Road. At the time of the report, the subject property was occupied by driveways, surface parking lots, planter areas, and other common areas within the Koll Center Newport, and excluded all buildings and structures within Koll Center Newport, with the exception of a two-level parking structure located near the intersection of MacArthur Boulevard and Jamboree Road.

The scope of ENVIRON's Phase I ESA Update did not encompass the full scope of a Phase I ESA. However, it was ENVIRON's opinion that their Phase I ESA Update supplements a previous ENVIRON assessment; and when considered together, the combined Phase I ESA Update and previous Phase I ESA were conducted in general conformance with the scope and limitations of the ASTM E1527-00 Standard.

ENVIRON identified one (1) REC as a solvent release to soil and groundwater associated with the adjacent property identified as Building 26, the Former Rockwell Facility (i.e., Conexant). The main contaminants of concern were reported as; 1,1-DCA; cis-1,2-DCE; trans-1,2-DCE; and vinyl chloride. ENVIRON concluded by stating that while it appears that the groundwater underlying the subject property has been impacted by the Former Rockwell Facility release, it is ENVIRON's opinion that there is a low likelihood for the impacted groundwater to cause health hazards to the occupants or a passersby at the subject property.

3.7.2 R M Environmental, Inc., Updated Report of Findings, Phase I Environmental Site Assessment, Parcel 1 of Assessor Parcel Number (APN) 445-131-28, 6.216 Acres, Existing Parking Lot Within Koll Center, West of Intersection of Teller Avenue and Birch Street, City of Newport Beach, California, dated March 30, 2015.

The above referenced ESA was conducted for the 6.216-acre subject property, identified as APN 445-131-28, consisting of an irregular shaped parcel located within the Koll Center development, located west of the intersection of Teller Avenue and Birch Street, in the City of Newport Beach, California.

Field reconnaissance of the site was conducted between December 28, 2014 and January 5, 2015. At the time of the visits, the site was developed as an open parking lot with associated landscaped areas, including multiple parking lot entry and exit stations. No structures were observed within the site.

Summaries of previous environmental reports were included with the Phase I ESA, and included:

- The north adjacent site (4910 Birch Street), had a prior unauthorized release from a former 12,000-gallon gasoline UST, impacting both soil and groundwater. Dual phase extraction (DPE)

was utilized as a remedial measure for the site, with regulatory case closure granted in January 2002.

- A release of chlorinated VOCs at the Conexant facility, located approximately 500 feet south of the subject property, impacted soil and groundwater. Based on Conexant's 2013 groundwater monitoring results, impacted groundwater has not migrated beneath the subject property.

- Conclusions presented in a Phase I ESA prepared by R M Environmental, Inc. (RM), dated October 10, 2013, indicated there was a potential that residual VOCs impacted soil and groundwater adjacent to and underlying the subject property. RM recommended conducting a soil gas investigation to evaluate the potential of a human health risk associated with residual impacts to soil, soil vapor and groundwater.

On February 3, 2015, RM advanced six (6) soil borings to approximately 17 to 30 feet bgs on the northern sections of the subject property to evaluate the potential of residual VOC contamination in the underlying soil, soil vapor and groundwater stemming from the adjacent release. The results of the investigation indicated that no concentrations of total petroleum hydrocarbons (TPH) - gasoline or VOCs were detected above the laboratory reporting limit in any of the soil or groundwater samples collected. Laboratory analytical results for soil gas samples detected low levels of several VOCs. The VOC detections were compared to both the San Francisco Bay Regional Water Quality Control Board, Shallow Soil Gas Screening Levels and California Human Health Screening Levels (CHHSLs) for a residential land use scenario. No concentrations of VOCs were detected in soil gas above the referenced screening levels. Furthermore, RM stated that acceptable soil gas health risk (risk less than 1/1,000,000) was identified for each of the soil gas probes.

RM concluded that their assessment revealed no evidence of recognized environmental risk conditions in connection with the development of the subject property.

3.8 Other Environmental Issues

3.8.1 Asbestos-Containing Materials

Asbestos, a natural fiber used in the manufacturing of a number of different building materials, has been identified as a human carcinogen. Most friable (i.e., easily broken or crushed) Asbestos-Containing Materials (ACM) were banned in building materials by 1978. By 1989, most major manufacturers had voluntarily removed non-friable ACM (i.e., flooring, roofing, and mastics/sealants) from the market. These materials, however, were not banned completely.

The subject property is currently paved parking and driving areas, with landscaped planters; therefore, the presence of Asbestos-Containing Materials is considered to be unlikely.

3.8.2 Lead-Based Paint

Lead-Based Paint has been identified by Occupational Safety and Health Administration (OSHA), the United States Environmental Protection Agency (U.S. EPA) and the Department of Housing and Urban Development (HUD) as being a potential health risk to humans, particularly children, based on its effects to the central nervous system, kidneys, and bloodstream. The risk of Lead-Based Paint has been classified by HUD based upon the age and condition of the painted surface.

The subject property is currently paved parking and driving areas, with landscaped planters; therefore, the presence of Lead-Based Paint is considered to be unlikely.

3.8.3 Radon

Radon is a radioactive gas which has been identified as a human carcinogen. Radon gas is typically associated with fine-grained rock and soil, and results from the radioactive decay of radium. The U.S. EPA recommends that homeowners in areas with radon screening levels greater than 4 Picocuries per liter (pCi/L) conduct mitigation of radon gas to reduce exposure.

Sections 307 and 309 of the Indoor Radon Abatement Act of 1988 (IRAA) directed the U.S. EPA to list and identify areas of the U.S. with the potential for elevated indoor radon levels. U.S. EPA's Map of Radon Zones (EPA-402-R-93-071) assigns each of the 3,141 counties in the U.S. to one of three zones based on radon potential:

- Zone 1 counties have a predicted average indoor radon screening level greater than 4 pCi/L.
- Zone 2 counties have a predicted average indoor radon screening level between 2 and 4 pCi/L.
- Zone 3 counties have a predicted average indoor radon screening level less than 2 pCi/L.

Based on such factors as indoor radon measurements, geology, aerial radioactivity, and soil permeability; the U.S. EPA has identified Orange County as Zone 3 (i.e., a predicted average indoor radon screening level less than 2 pCi/L). Based on the radon potential in Orange County, California, EEI does not consider radon to be an environmental concern.

4.0 SITE RECONNAISSANCE

4.1 Purpose

The purpose of our site reconnaissance was to physically observe the subject property, site structures, and adjoining properties for conditions indicating an existing release, past release, or threatened release of any hazardous substances or petroleum products into structures on the property, or into soil and/or groundwater beneath the property. This would include any evidence of contamination, distressed vegetation, petroleum-hydrocarbon surface staining, waste drums, USTs, ASTs, illegal dumping, or improper waste storage/handling. Detailed information pertaining to our site reconnaissance is provided in the following text.

4.2 Subject Property

On October 26, 2016, EEI personnel conducted a site reconnaissance to visually observe the subject property and adjoining properties for conditions indicating a potential environmental concern. Environmental concerns would include any evidence of contamination, distressed vegetation, petroleum-hydrocarbon staining, waste drums, illegal dumping, or improper waste storage and/or handling. Visual conditions present during the site reconnaissance are documented in the Photographic Log (**Appendix F**), and summarized in **Table 2**.

The subject property is located at 4440 Von Karman Avenue, in a commercial area of the City of Newport

Beach, Orange County, California (**figure 2**). The property is a part of a commercial development known as "Koll Center Newport". The property currently consists of one (1) parcel that encompasses approximately 6.216-acres (Assessor's Parcel Number, APN 445-131-29), and an approximate 0.49-acre portion of an adjacent parcel (APN 445-131-30) that overall encompasses 20.179-acres (**Appendix B**). The majority of the subject property is occupied by asphalt-covered parking and driving areas, with some landscaped areas.

The subject property is currently an active business district parking lot. The subject property is open to vehicle access by way of two electronic ticket gates located off of Birch Street, and one off of Von Karman Avenue. The north and south sides of the subject property are bound by multi-story office buildings and landscaped concrete planters. The south side is also bound by a multi-story subterranean parking structure.

The northern section of the subject property (APN 445-131-29), is bordered by asphalt-covered parking and driving areas, and commercial buildings (4440 Von Karman Avenue and 4910 Birch Street) to the north, and asphalt-covered parking and driving areas to the south, followed by commercial buildings (4350 Von Karman Avenue and 5000 Birch Street). Birch Street bounds the northern section of the subject property to the east, followed by commercial development, and Von Karman Avenue bounds the northern portion of the subject property to the west, followed by commercial development.

The southern section of the subject property (0.49-acre portion of APN 445-131-30), is bordered by asphalt and concrete-covered parking and driving areas to the north, and followed by commercial development. Asphalt-covered driving areas bound the subject property to the south, followed by commercial development (4311 Jamboree Road), and asphalt-covered parking and driving areas bound the subject property to the east and west, followed by commercial development.

Groundcover at the site consists of asphalt parking lot, concrete sidewalks, and landscaped concrete planters. Topography at the site is relatively flat with a slight gradient to the southwest. Surface water drainage across the site is generally to the southwest. Structures that currently exist on the property include landscaped concrete planters, light standards, concrete sidewalks, concrete storm drain swales, metal storm drain manhole covers, and subsurface storm drain corridors.

No evidence of contamination, distressed vegetation, petroleum-hydrocarbon surface staining, waste drums, USTs, ASTs, illegal dumping, or improper waste storage/handling was noted during our site reconnaissance.

TABLE 2
Summary of Site Reconnaissance

Item	Concerns	Comments
General Housekeeping	No	No concerns observed.
Surface Spills	No	No concerns observed.
Stained Surfaces	No	No concerns observed.
Fill Materials	No	No concerns observed.
Pits/Ponds/Lagoons	No	No concerns observed.
Surface Impoundments	No	No concerns observed.
ASTs/USTs	No	No concerns observed.
Distressed Vegetation	No	No concerns observed.

Wetlands	No	No concerns observed.
Electrical Substations	No	No concerns observed.
Areas of Dumping	No	No concerns observed.
Transformers	No	No concerns observed.
Waste/Scrap Storage	No	No concerns observed.
Chemical Use/Storage	No	No concerns observed.

4.3 Adjacent Properties

EEI conducted a visual of the adjoining neighborhoods (to the extent practical) to evaluate the potential for offsite impacts that may affect the subject property. These would include evidence of chemical storage or usage, surface staining or leakage, distressed vegetation, or evidence of illegal dumping.

- North – the property to the north is commercial office buildings.
- South – the property to the south is commercial office buildings.
- East – the property to the east is commercial office buildings.
- West – the property to the west is commercial office buildings.

In general, the subject property is bordered by asphalt-covered parking lots, followed by commercial development in each direction. Von Karman Avenue marks the western boundary of the northern section of the subject property, and Birch Street marks the eastern boundary of the northern section of the subject property.

The nearby sites (located within a one-eighth mile radius of the subject property), listed as release sites and/or sites of potential concern were discussed in **Section 3.3** *Regulatory Database Search* and are not repeated here.

5.0 VAPOR ENCROACHMENT SCREEN

ASTM Standard E2600-10 Standard Guide for Vapor Encroachment Screening (VES) on Property Involved in Real Estate Transactions was used as guidance for conducting a VES for the subject property. The purpose of the screening is to determine whether a Vapor Encroachment Condition (VEC) exists from chemicals of concern (COC*)* that may migrate as vapors onto a property as a result of contaminated soil and groundwater on or near the subject property. The screening involves a two tiered approach to assessing VEC risk as described herein. The VES process includes a review of site conditions (e.g., aerial photographs, city directories, and environmental database information), which is information typically collected during a Phase I ESA, user provided information, and in some instances the use of a third-party vapor encroachment application. The following sections describe the VES performed on the property.

5.1 Site Conditions

The subject property is located on the United States Geological Survey (USGS), Tustin, 7.5-Minute Quadrangle (USGS, 2012). The map indicates the subject property is located north of the San Diego Creek

area with an elevation ranging from approximately 45-feet amsl within the southwestern corner of the northern section of the subject property, to approximately 53-feet amsl within the northeastern corner of the northern section of the property. Elevation within the southern section of the subject property ranges between 49-feet amsl within the southern corner, to approximately 51-feet amsl within the northern corner of the property. Surface water generated on the property appears to flow in a southwesterly direction to the lower elevations and eventually into the local storm drain system.

The subject property and vicinity is underlain chiefly by Quaternary terrace deposits overlying Miocene Monterey Formation. Soil in the vicinity of the property has been identified by the United States Department of Agriculture - National Resource Conservation Service (USDA, 2016) as belonging to a mixture of sandy loams of the Myford Series and Xeralfic arents, loamy, at 2 to 9 percent slopes. The soils of the Myford Series are deep, moderately well drained soils formed on terraces. These have medium to rapid runoff; and very slow permeability. The Xeralfic arents consists of well drained soils. They formed in sandy marine deposits.

EEI reviewed the California Department of Water Resources Water Data Library (WDL, 2016) Website for information regarding wells and depth to groundwater information. A review of the website indicated no public water wells are located on the subject property. One well located 0.54 mile east-southeast of the property, identified as state well No. 06S09W07J001S, reported depth to groundwater to range between 41.71 feet bgs to 43.74 feet bgs, as measured in 2010.

5.2 User Provided Information

To assist EEI in the completion of the VES, Mr. Michael Murphy, on behalf of Shopoff Land Fund II, LP, completed a Vapor Encroachment Screen - User Questionnaire (**Appendix G**). The questionnaire provided basic information regarding the use, condition, and proposed development of the subject property.

According to Mr. Murphy, a multi-level concrete parking structure is planned for the subject property. The subject property is currently utilized as a parking lot. Mr. Murphy stated that he does not know of any reported instances of gas stations, cleaners, storage tanks, odors, chemicals, or health concerns reported on the property.

5.3 Tier 1 Screening – Search Distance Test/Chemicals of Concern

A Tier 1 Screening includes the search distance test that involves a review of the regulatory database report and available historical records obtained during the Phase I ESA process to make a determination if any known or suspect potentially contaminated properties exist within the Area of Concern (AOC). High risk sites are typically current and former gas stations, former and current dry cleaners, manufactured gas plants, and industrial sites (Brownfields). The AOC is defined as any up gradient sites within the ASTM E1527-13 standard search distances and any cross or down gradient sites within $^1/_3$ mile for solvents and petroleum products.

If the contamination at the known or potentially contaminated sites within the AOC consists of Chemicals of Concern (COCs), then a potential Vapor Encroachment Condition (pVEC) exists, and a Tier 2 Screening evaluation is recommended. If no known or potentially contaminated sites with COCs exist within the AOC, no further inquiry is necessary.

Based on EEI's Tier 1 Screening evaluation, the historical use of the adjoining properties is considered to pose a pVEC at the subject property. A summary of the information is provided in the following section.

- **Koll Center Newport #4** (4910 Birch Street, adjacent to north), reported a gasoline release to soil and groundwater in 1997. The case was closed by the OCHCA in March 2002. Residual soil and groundwater impacts remain beneath the site. A Tier 2 screening was performed on this site, which is described in the following sections.

- **Conexant Systems, Inc. (Former Rockwell Intl Semi-Conductor Division)**, also listed as **Rockwell International Corp** (4311 Jamboree Road, adjacent to south), reported a release of solvents to soil and groundwater in January 1984. Residual soil and groundwater impacts remain beneath the site. A Tier 2 screening was performed on this site, which is described in the following sections.

5.4 Tier 2 Screening – Plume Test

Based on the results of our Tier 1 Screening evaluation, a Tier 2 Screening, or Plume Test was conducted. The Plume Test assesses whether or not documented soil and groundwater contamination is close enough to the subject property to result in a VEC. There are two parts to the plume test:

- Critical Distance Determination - Determine the distance from the subject property to edge of plume in any direction (vertical, horizontal, lateral).

- VEC exists if a plume of volatile organic compounds (VOCs), semi-volatile organic compounds (S-VOCs,), volatile inorganic compounds or free-phase petroleum product accumulating above the water table is located within 100 feet of the subject property, or if a plume of dissolved volatile petroleum hydrocarbons is located within 30 feet of the property.

The adjacent property to the north, **Koll Center Newport #4** (4910 Birch Street, 0.062 mile), reported a gasoline release in 1997. EEI reviewed the existing case closure summary dated December 5, 2001, as part of the Tier 2 screening process. According to the information reviewed, a single 1,200-gallon gasoline UST was removed from the site in 1993 which spurred a subsurface investigation which has included groundwater well monitoring. The summary stated that approximately 911.98 tons of gasoline-contaminated soil was over excavated and removed from the site during November 1993. In addition, a DPSVES was operated onsite, removing approximately 2,063,000 cubic feet of petroleum hydrocarbon vapors, and treating approximately 2,980,000 gallons of petroleum hydrocarbon-impacted groundwater. The DPSVES was operated until target cleanup concentration levels for groundwater were obtained.

The final groundwater sample event indicated maximum concentrations of naphthalene (600 ppb) and 1,2,4-trimethylbenzene (350 ppb) detected in groundwater samples exceeded their respective California Drinking Water Action Levels. Several other VOCs unrelated to the UST's operation were also detected in the groundwater, which included PCE and TCE were detected with maximum concentrations of 10 ppb and 100 ppb, respectively. A health risk assessment was conducted during UST closure using the site's former maximum levels of contamination. It was determined that residual VOC contamination beneath the site did not pose a health risk to occupants of the site's buildings, and prompted the Orange County Health Care Agency to recommend no further corrective action for the site.

On February 3, 2015, RM completed a subsurface investigation at the subject property as part of a proposed real estate transaction. RM advanced six (6) soil borings to approximately 17 to 30 feet bgs on the northern sections of the subject property to evaluate the potential of residual VOC contamination in the underlying soil, soil vapor and groundwater. Groundwater was encountered at a depth of approximately 22 feet bgs. Four (4) soil and four (4) groundwater samples were analyzed for TPH-gasoline

via USEPA Test Method 8015, and for VOCs and fuel oxygenates via USEPA Test Method 8260B. All soil and groundwater results were below laboratory detection levels (i.e., "non-detect"). Upon collection of soil and/or groundwater samples, temporary vapor probes were set at 15 feet bgs, and soil vapor samples were collected from each of the six (6) borings and placed in laboratory supplied Summa containers. Each of the soil gas samples were analyzed for VOCs and fuel oxygenates using USEPA Test Method TO-15. The results of the soil gas samples analysis indicated concentrations of the following VOCs with their respective maximum concentrations in parenthesis: acetone (to 180 micrograms per cubic meter [$\mu g/m^3$]), 2-butanone (to 36 $\mu g/m^3$), chloroform (to 21 $\mu g/m^3$), benzene (to 22 $\mu g/m^3$), 4-methyl-2-pentanone (to 23 $\mu g/m^3$), toluene (to 140 $\mu g/m^3$), ethylbenzene (to 29 $\mu g/m^3$), total xylenes (to 103 $\mu g/m^3$), styrene (18 $\mu g/m^3$), and isobutene (3,800 $\mu g/m^3$). The soil gas samples were compared to the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) and Department of Toxic Substances Control (DTSC) California Human Health Screening Levels (CHHSLs) for a residential land use. No VOC concentrations were detected in soil gas above the screening level values. RM indicated that an acceptable soil gas health risk (risk less than 1/1,000,000) was identified for each of the soil gas probe locations.

The adjacent property to the south of the southern portion of the subject property; **The Conexant Systems, Inc. (Former Rockwell Intl Semi-Conductor Division)**, also listed as **Rockwell International Corp** (4311 Jamboree Road, 0.131 mile south-southwest), is associated with a release of chlorinated solvents that was discovered in 1984, and resulted in soil and groundwater impacts. EEI reviewed the existing 2016 Annual Groundwater and Remediation Progress Report, dated April 2016, as part of the Tier 2 screening process. According to the information reviewed, reported solvents were detected in soil at the site in January 1984 during an investigation of a broken water line northwest of Building 503. The leak has since been stopped, and the release has undergone site investigation and remediation that included operation of a High Vacuum Soil Vapor Extraction System (HVSVES). During the water line investigation, liquid with a reported chemical odor was reportedly observed seeping from the sidewalls of the trench excavation. The suspected source was two (2) former solvent tanks located northwest of Building 503. Subsequent soil and soil vapor investigations indicated that the principal VOCs were TCE, PCE, MeCl, and acetone. Residual soil and groundwater impacts remain beneath the site.

In accordance with SARWQCB directive letter dated December 3, 2004 (SARWQCB 2004), all active and accessible monitoring wells were gauged for depth to water, purged, and sampled on February 26, 27, 29, and March 18, 2016. The samples were analyzed for VOCs using EPA Method 8260B, 1,4-Dioxane using EPA Method 8260B-SIM, and dissolved gasses by RSK175 for ethene, ethane, and methane. Analysis of groundwater for dissolved gasses was completed at this time to supplement the data needed to implement future bioremediation efforts at the site.

Groundwater elevations in the Shallow Zone in February 2016 ranged from a high of 28.09 feet amsl to 19.12 feet amsl. Groundwater extraction for remediation was performed at the site within the Shallow Zone from 1991 to 2001. Prior to extraction, the apparent direction of groundwater flow in the Shallow Zone beneath the Site was to the southeast. Six of the Shallow Zone wells sampled during the 2016 event, including two wells located within the immediate vicinity of the southern section of the subject property had consistent non-detect results over the last two years. Total VOCs decreased in nine wells, including one well located between the site and the southern section of the subject property. Increased VOC concentrations were observed in six wells primarily located immediately adjacent to building 503, or located westerly of building 503, since the March 2015 event.

Groundwater elevations in the Intermediate Zone in February 2016 ranged from 30.39 feet below mean

sea level (bmsl) to 42.08 feet bmsl. Prior to groundwater extraction from the Intermediate Zone, which occurred from 1990 through 2004, and prior to groundwater recharge that occurred from 1996 through March 2008 at various wells, the direction of groundwater flow in the Intermediate Zone was to the northwest.

Five of the Intermediate Zone wells sampled this event had non-detect results, two of which were located to the southeast and to the west of the southern portion of the subject property. Total VOCs decreased in nine wells, including two within the immediate vicinity of the southern portion of the subject property. Increased VOC concentrations were observed in seven wells primarily located west of Building 503, which are hydrologically cross to down-gradient from the subject property, and within one well (I-8), located within the immediate vicinity of the southern portion of the subject property. Detectable concentrations of COCs within well I-8 included; cis 1,2-Dichloroethene (5.9 micrograms per liter [µg/l]) and vinyl chloride (1.0 µg/l). Concentrations of cis 1,2-Dichloroethene were below its respective ESL of 6.0 µg/l, while the concentration of vinyl chloride exceeded its respective ESL of 0.061 µg/l.

A HVSVES was installed and began operating at the site on July 29, 2008. The HVSVES was installed as approved by the SARWQCB in their letter dated March 5, 2008. The HVSVES system utilized a total of 28 vapor extraction wells and system optimization was performed on a weekly basis by opening or closing specific wells to maximize mass removal efficiency. As of December 31, 2015, the system had operated 86% of the available runtime and removed a total mass of approximately 14,400 pounds of VOCs and TPH since system startup. The SVE system was shut down on January 4, 2016 and was decommissioned and removed from the site on January 26, 2016.

Per a SARWQCB directive, as of February 2016, site-wide groundwater monitoring had been reduced from a frequency of quarterly to annually. The next annual groundwater sampling and gauging event is tentatively scheduled for March 2017. In January 2016, the site's consultant submitted to the SARWQCB a work plan addendum proposing enhanced in-situ bioremediation (EISB) pilot tests at the site. The proposed pilot tests described in the work plan are reported to provide additional data to determine the full-scale Corrective Action Plan implementation. Approval of the work plan is pending.

As of February 2016, groundwater beneath the Conexant facility appears to be traveling towards the northwest when not influenced by pump-and-treat remediation activities. Groundwater monitoring wells M-29 and M-30, located northwest and in the central portion of the southern portion of the site, respectively, were non-detect for VOCs. Based on the February 2016 groundwater data, regulatory agency oversight and active remediation, along with the proposed future use of the subject property as a parking garage, the Conexant facility does not pose a significant environmental concern and no further assessment appears to be warranted at this time.

5.5 Findings

Based on our Tier 1 and Tier 2 evaluation, EEI provides the following findings. The northern portion of the subject property is located adjacent to a former closed LUST. Based on previous site assessment and mitigation activities, the results of a health risk assessment and regulatory closure, and results of RM's February 2015 soil, soil vapor and groundwater investigation, a VEC is not likely to exist on this portion of the subject property.

The southern portion of the subject property is located adjacent to the Conexant semi-conductor facility. Site assessment and mitigation associated with soil and groundwater impacts is ongoing. According to

February 2016 monitoring data, chemicals of concern are present in groundwater beneath the Conexant site at concentrations above California Drinking Water Standards and within the critical distance of 30 feet to 100 feet from the subject property. However, Conexant groundwater monitoring wells M-29 and M-30, located northwest and in the central area of the southern portion of the subject property, respectively, were non-detect for VOCs. Based on recent groundwater trends, active remediation, regulatory oversight, and the proposed use of the southern portion of the subject property as a parking structure, a VEC is not likely to exist at the subject property.

6.0 FINDINGS AND OPINIONS

Based on the information obtained in this ESA, EEI has the following findings and opinions:

- *Known or suspected RECs* – are defined by the ASTM Standard Practice E 1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

  No *known or suspected RECs* have been revealed during the preparation of this ESA.

- *Controlled RECs (CRECs)* – are defined by the ASTM Standard Practice E 1527-13 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 (e.g., as evidenced by the issuance of a NFA letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls)

  No *CRECs* have been revealed during the preparation of this ESA.

- *Historical REC's (HRECs)* – are defined by the ASTM Standard Practice E 1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls).

  The following *historical recognized environmental condition (HREC)* was identified during the preparation of this ESA:

  - The adjacent property (4910 Birch Street) located north of the northern portion of the subject property, is associated with a Leaking Underground Storage Tank (LUST) release that occurred in 1993, and resulted in soil and groundwater impacts. The UST has since been removed and the release has undergone site investigation and remediation that included excavation and disposal of approximately 912 tons of petroleum-hydrocarbon impacted-soil, and operation of a dual-phase extraction (DPE) system. A health risk assessment was also completed to evaluate remaining residual contamination and support regulatory closure. Using maximum contaminant values in groundwater, the

excess cancer risk was calculated to be less than 1E-06. Based on site investigation, remediation and the results of the health risk assessment, the OCHCA granted regulatory closure of the LUST in 2002.

On February 3, 2015, RM Environmental, Inc. (RM), advanced six (6) soil borings to approximately 17 to 30 feet bgs on the northern sections of the subject property to evaluate the potential of residual VOC contamination in the underlying soil, soil vapor and groundwater stemming from the adjacent release. The results of the investigation indicated that no concentrations of TPH-g or VOCs were detected above the laboratory reporting limit in any of the soil or groundwater samples collected. Laboratory analytical results for soil gas samples detected low levels of several VOCs. The VOC detections were compared to both the San Francisco Bay Regional Water Quality Control Board, Shallow Soil Gas Screening Levels and California Human Health Screening Levels (CHHSLs) for a residential land use scenario. No concentrations of VOCs were detected in soil gas above the referenced screening levels. Furthermore, RM stated that acceptable soil gas health risk (risk less than 1/1,000,000) was identified for each of the soil gas probes.

The former offsite LUST is considered to be a *historical recognized environmental condition (HREC).* Given the location of the release in proximity to the subject property, regulatory agency closure and results of the 2015 RM investigation, no further assessment appears to be warranted at this time.

- *De Minimis* Conditions – include environmental concerns identified which may warrant discussion but do not qualify as RECs, as defined by the ASTM Standard Practice E 1527-13.

  No *de minimis* condition was identified during the preparation of this ESA.

- Although not considered to be an REC, the following non-scope consideration was identified:

  - The northern and southern portions of the subject property is in proximity to two off-site documented releases (i.e., former LUST located at 4910 Birch Street and Conexant located at 4311 Jamboree Road). EEI understands that proposed future site improvements will include excavation and construction of subterranean parking structures. If suspected contaminated soil or groundwater is encountered during future construction activities, EEI recommends that the material be evaluated by an environmental professional, and if deemed necessary, characterized for off-site disposal.

7.0 DATA GAPS AND DEVIATIONS FROM ASTM PRACTICES

Section 3.2.20 (ASTM 1527-13) defines a data gap as "a lack or inability to obtain information required by the practice despite good faith efforts of the environmental professional to gather such information."

7.1 Historical Data Gaps

Based on the information obtained during the course of this investigation, one (1) historical data gap was encountered during the preparation of this ESA:

- The lack of a completed Owner questionnaire is considered a data gap. However, based on research of other databases, EEI does not consider the absence of this interview to affect the validity of the Phase I ESA.

7.2 Regulatory Data Gaps

Based on the information obtained during the course of this investigation, no regulatory data gaps were encountered.

7.3 Onsite Data Gaps

Based on the information obtained during the course of this investigation, no onsite data gaps were encountered.

7.4 Deviations from ASTM Practices

Section 12.10 (ASTM 1527-13), states that all deletions and deviations from this practice shall be listed individually and in detail, including Client imposed constraints, and all additions should be listed.

EEI believes that there are no exceptions to, or deletions from, the ASTM Designation E1527-13 Guidelines.

8.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-29 of APN 445-131-30, identified as 4400 Von Karman Avenue, the *subject property*. Any exceptions to, or deletions from this practice are described in **Section 7.0** of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the *subject property*, except for the following:

- The adjacent property (4910 Birch Street) located north of the northern portion of the subject property, is associated with a Leaking Underground Storage Tank (LUST) release that occurred in 1993, and resulted in soil and groundwater impacts. The UST has since been removed and the release has undergone site investigation and remediation that included excavation and disposal of approximately 912 tons of petroleum-hydrocarbon impacted-soil, and operation of a dual-phase extraction (DPE) system. A health risk assessment was also completed to evaluate remaining residual contamination and support regulatory closure. Using maximum contaminant values in groundwater, the excess cancer risk was calculated to be less than 1E-06. Based on site investigation, remediation and the results of the health risk assessment, the OCHCA granted regulatory closure of the LUST in 2002.

  On February 3, 2015, RM Environmental, Inc. (RM), advanced six (6) soil borings to approximately 17 to 30 feet bgs on the northern sections of the subject property to evaluate the potential of residual VOC contamination in the underlying soil, soil vapor and groundwater stemming from the adjacent release. The results of the investigation indicated that no concentrations of TPH-g or VOCs were detected above the laboratory reporting limit in any of the soil or groundwater samples collected. Laboratory analytical results for soil gas samples detected low levels of several VOCs. The VOC detections were compared to both the San Francisco Bay Regional Water Quality

Control Board, Shallow Soil Gas Screening Levels and California Human Health Screening Levels (CHHSLs) for a residential land use scenario. No concentrations of VOCs were detected in soil gas above the referenced screening levels. Furthermore, RM stated that acceptable soil gas health risk (risk less than 1/1,000,000) was identified for each of the soil gas probes.

The former offsite LUST is considered to be a *historical recognized environmental condition (HREC).* Given the location of the release in proximity to the subject property, regulatory agency closure and results of the 2015 RM investigation, no further assessment appears to be warranted at this time.

9.0 REFERENCES

California Department of Toxic Substances (DTSC), Website (http://www.envirostor.dtsc.ca.gov/public/), EnviroStor database, accessed November 2016.

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City of Newport Beach Online Building Permits Database, Website (http://ecms.newportbeachca.gov/Web/Browse.aspx?startid=205568&cnb=BuildingPermits), accessed November 2016.

ENVIRON Corp, Phase I Environmental Site Assessment Update, Koll Newport Center Common Grounds, Newport Beach, California, dated August 30, 2006.

R M Environmental, Inc., Updated Report of Findings, Phase I Environmental Site Assessment, Parcel 1 of Assessor Parcel Number (APN) 445-131-28, 6.216 Acres, Existing Parking Lot Within Koll Center, West of the Intersection of Teller Avenue and Birch Street, City of Newport Beach, California, dated May 30, 2015.

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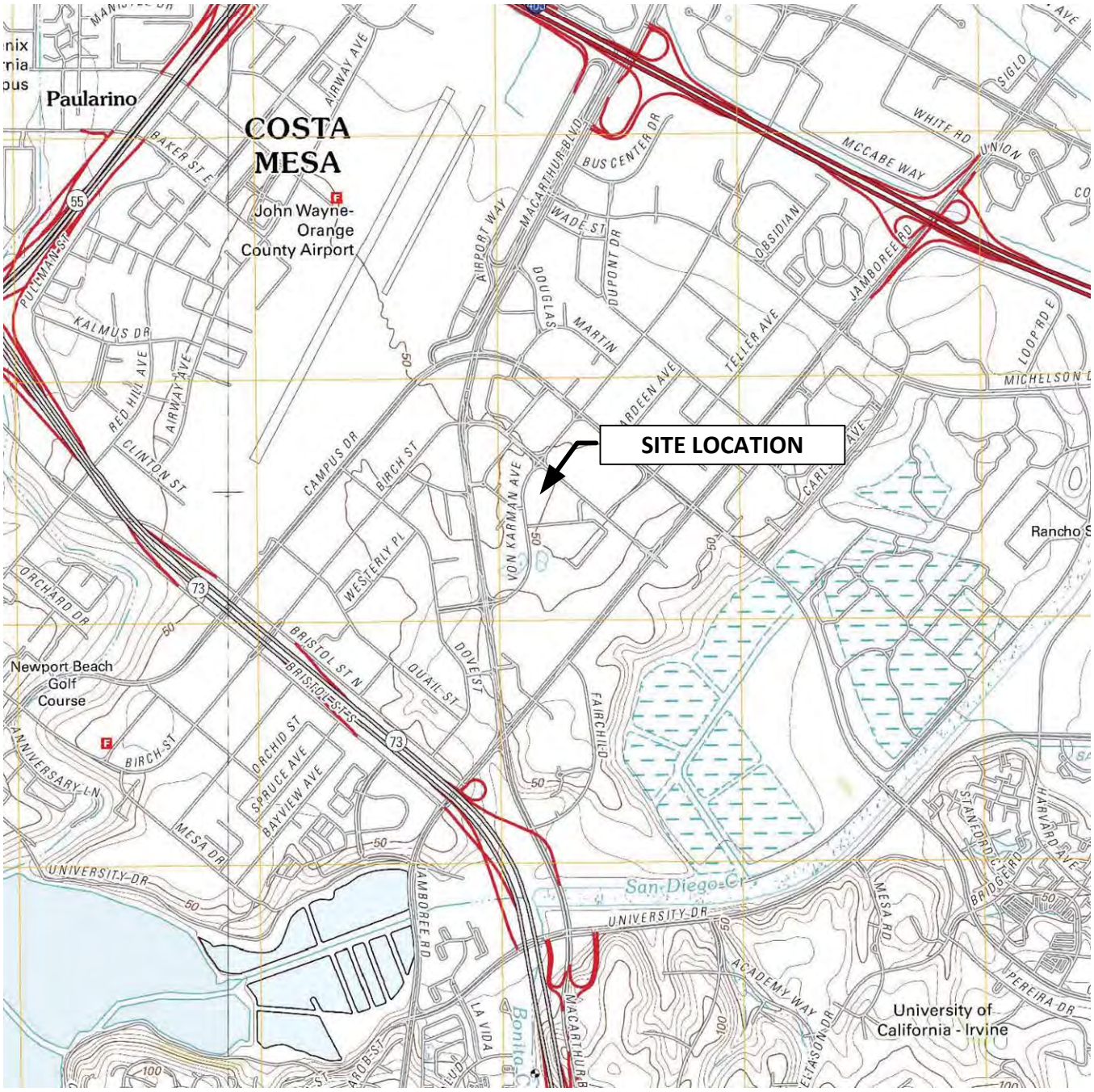
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State Water Resources Control Board, Website, Geotracker® database, (http://www.geotracker.swrcb.ca.gov/), accessed November 2016.

United States Department of Agriculture (USDA), Natural Resources Conservation Service, Website (http://websoilsurvey.nrcs.usda.gov/app/) Web Soil Survey, accessed November 2016.

United States Geological Survey (USGS), 2012, 7.5' Topographic Map, Tustin, California Quadrangle.

FIGURES



Map Source: USGS, Tustin, California, 7.5 Minute Quadrangle maps (USGS, 2012)

LEGEND

N

Scale: 1" = 24,000'

0 24,000FT 48,000FT

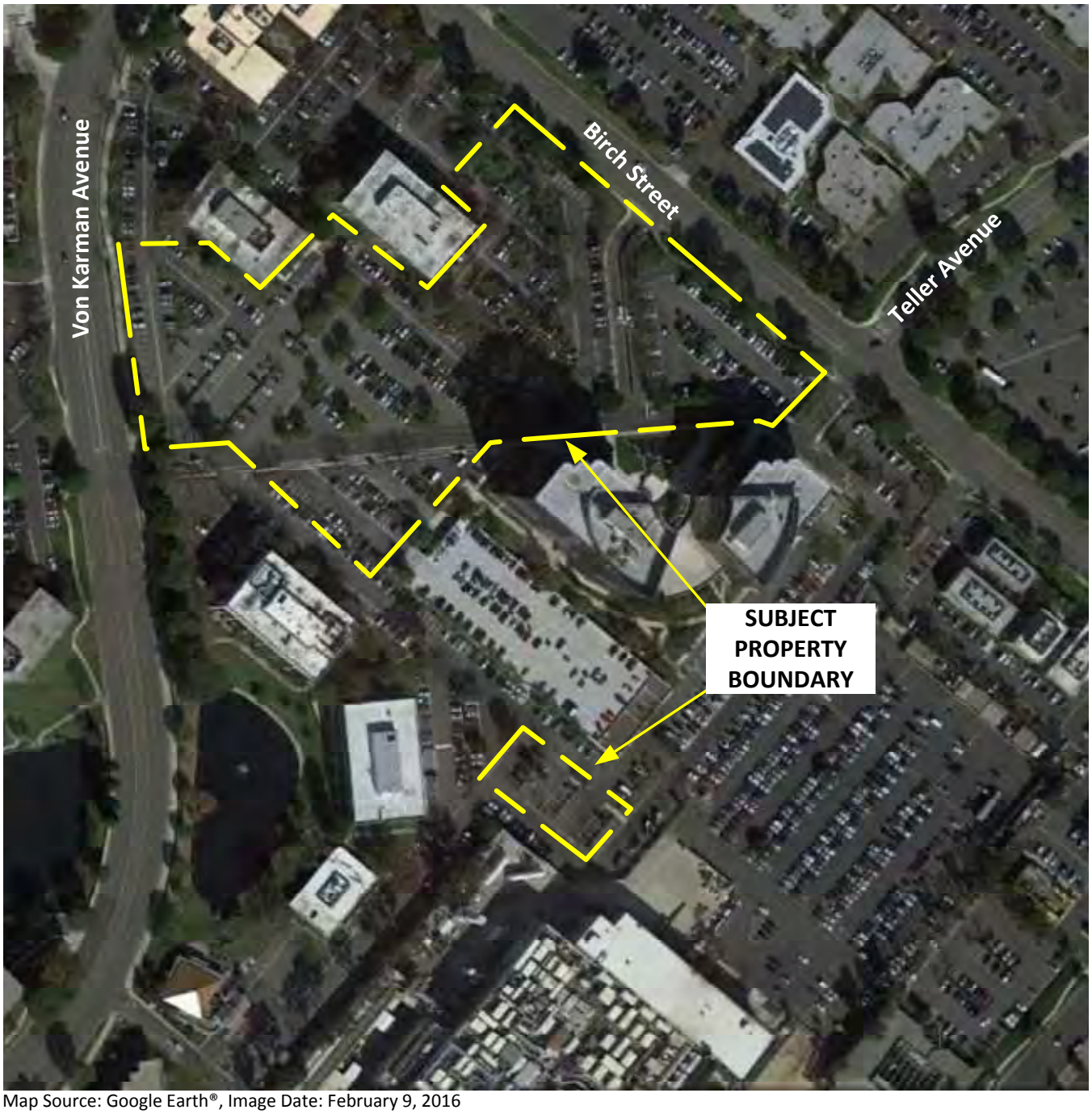
Note: All Locations Are Approximate

SITE LOCATION MAP

SHOPOFF LAND FUND II, LP
The Koll Center Residences – Newport
SWC of Birch Street and Von Karman Avenue
City of Newport Beach, County of Orange, California 92660
EEI Project No. SHO-72189.1
Created October 2016
(Revised June 2017)

EEI Engineering Solutions

FIGURE 1



Map Source: Google Earth®, Image Date: February 9, 2016

LEGEND

N

Scale: 1" = 85'

0 51FT 85FT 170FT

Note All Locations Are Approximate

AERIAL SITE MAP

SHOPOFF LAND FUND II, LP
The Koll Center Residences – Newport
SWC of Birch Street and Von Karman Avenue
City of Newport Beach, County of Orange, California 92660
EEI Project No. SHO-72189.1
Created October 2016
(Revised June 2017)

EEI Engineering Solutions

FIGURE 2

APPENDIX A
RESUME OF ENVIRONMENTAL PROFESSIONAL

BRIAN R. BRENNAN, M.Sc.
Senior Project Manager

SUMMARY

As a Senior Program Manager and Principal with EEI, Mr. Brennan has over 16 years of environmental consulting experience. Mr. Brennan has wide ranging experience managing and performing due diligence Phase I ESA; site investigations in soil, soil gas, ambient air, and groundwater; and remediation including both in-situ and ex-situ releases. Mr. Brennan directs and manages a team of staff and technicians that perform the majority of EEI's environmental investigation/remediation services. He is a technical expert for Phase I Environmental Site Assessments (ESAs) that comply with American Society for Testing and Materials (ASTM) Standards E1527-13 and is considered an Environmental Professional as defined by USEPA's All Appropriate Inquiry (AAI) requirements. He has managed and/or performed all aspects of Underground Storage Tank (UST), chlorinated solvent, pesticide, and heavy metal remediation with multiple regulatory agency leads. Mr. Brennan has also co-authored the preparation of Environmental Overview and Environmental Assessment documents per National Environmental Policy Act (NEPA) requirements, and is knowledgeable in Geographic Information Systems (GIS), Global Positioning Systems (GPS), and Computer Aided Drafting (CAD) software. Mr. Brennan provides sound Technical and Project Management skills, and is able to effectively communicate with client contacts and state/federal regulatory agency staff.

EDUCATION

Masters of Science, Environmental Engineering, National University, 2008
Bachelor of Arts, Geography – Environmental Analysis and Natural Resource Conservation, San Diego State University, 2000

REGISTRATIONS/CERTIFICATIONS

40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) and Annual Refresher
AHERA Building Inspector
National Groundwater Association (NGWA)

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers (ASCE)
National Groundwater Association (NGWA)
Association of Environmental Professionals (AEP)
San Diego Environmental Professionals (SDEP)

REPRESENTATIVE PROJECTS

400-Acre Residential Development, Escondido, California: Performed and managed staff to investigate, delineate, mitigate, and document multiple historical releases associated with large-scale farming and mining operations at multiple locations.

Worked with client to coordinate multiple contractors during demolition and earth moving. Investigated, located, and properly abandoned multiple historical wells. Successfully remediated multiple sites and documented removals to enable full scale grading and development. Prepared all documentation working with development team and counsel.

Brownsfield Solvent Remediation, (South Central) Los Angeles, California: Conducted assessment working with Private developer and CRA in Los Angeles. Performed soil and soil gas investigations. Managed installation of SVE system; prepared monitoring and performance reports. Performed confirmation sampling and achieved closure.

Former Exide/GNB Battery Manufacturing Facility, City of Industry, CA: Evaluated Phase I/II ESA data on a former lead/acid battery facility. Conducted Phase II ESA soil sampling and implemented lead/acid impacted soil remediation activities under the supervision of a California Registered Geologist and County of Los Angeles Fire Department Local Oversight Agency, and obtained a No Further Action designation in an effort to prepare the site for commercial/industrial redevelopment.

Westminster-Springdale Properties, LLC, Westminster, California: Evaluated Phase I/II ESA data for an existing and operating dry cleaning facility. Conducted soil, soil gas, and groundwater sampling, evaluated investigation data and prepared technical reports under the supervision of a California Registered Geologist and Orange County Health Care Agency Local Oversight Program. Prepared and implemented a groundwater monitoring program to evaluate chlorinated solvent fate and transport in groundwater.

Deep Solvent Release, San Diego County: Primary technical manager; performed and managed technical duties to investigate and remediate deep (>150-feet) solvent release impacting soil gas, soil, groundwater at a Distribution facility. Drilled 200-foot deep (sonic) borings installed groundwater wells and SVE wells. Evaluated and upgraded existing SVE system to increase removals by a factor of 10. Authored technical reports; performed or managed DTSC-protocol monitoring.

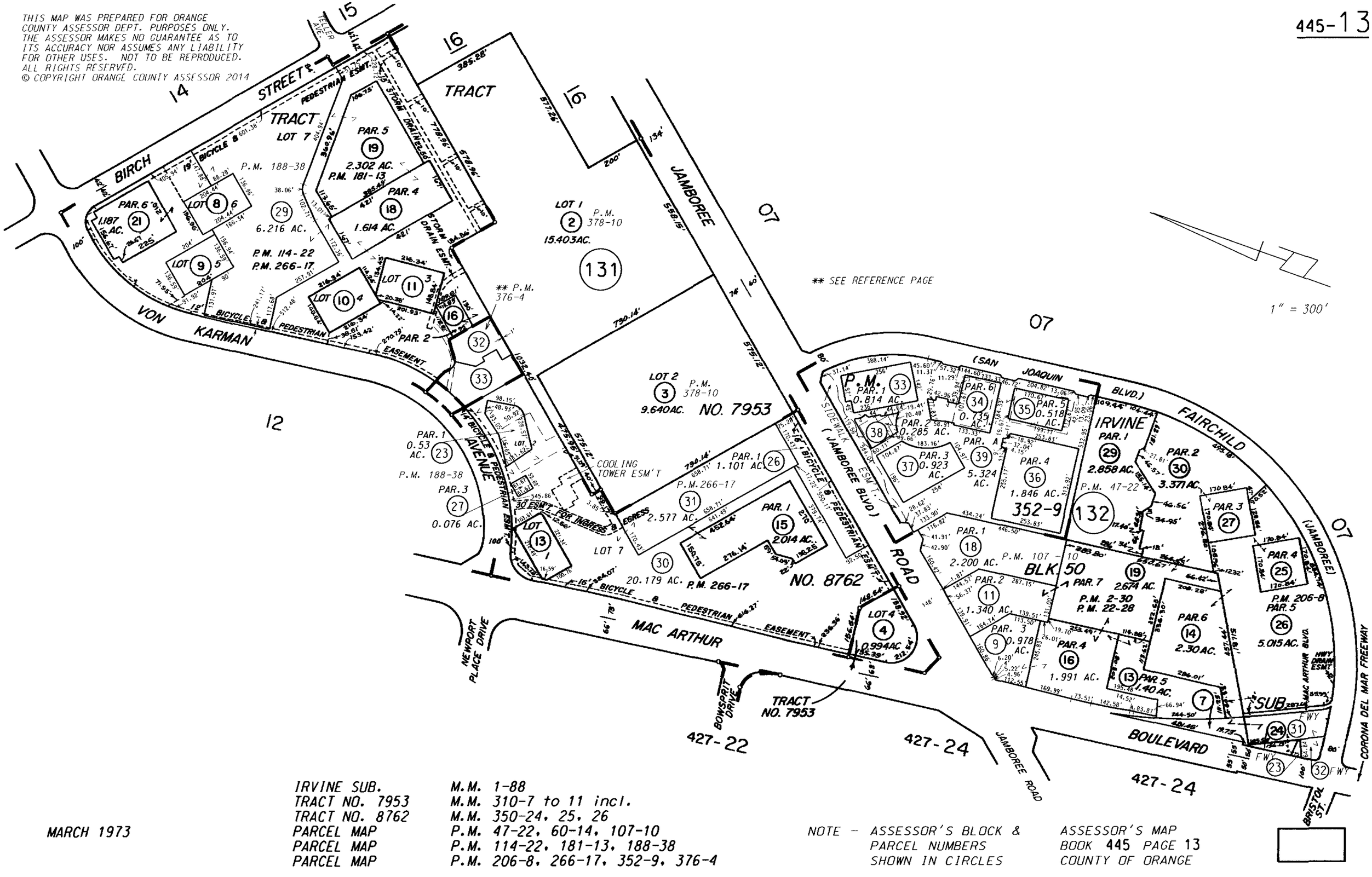
San Manuel Band of Mission Indians (SMBMI), San Bernardino, California: Managed and co-authored the preparation of a Bureau of Indian Affairs (BIA) Environmental Assessment (per National Environmental Policy Act guidelines) for a 160.3-acre Fee-to-Trust Transfer (FTT) project which successfully expanded the SMBMI reservation.

600-Acre Residential Development, Valley Center, California: Performed and/or managed the due diligence for the acquisition of 30+ agricultural properties to assemble large land including numerous public right-of-ways. Prepared documentation package under strict County guidelines and achieved submittal approval with no changes. Investigated and delineated multiple potential releases s, fuel, pesticides, and hydrocarbons. Prepared all required EIR-supporting hazmat documentation.

Free Product Fuel Remediation, San Diego/Ventura, California: Permitted and Installed Soil Vapor Extraction (SVE) systems to mitigate free product gasoline in soil and on groundwater at multiple locations. Conducted investigations, installed soil borings, monitoring and SVE wells, and sparge systems. Prepared investigation and monitoring reports. Trained and managed technicians and staff to maintain and operate systems. Performed health risk assessments (J&E Modeling) and submitted closure requests; achieved successful closure.

APPENDIX B
FIRM MAP/PRELIMINARY TITLE REPORT

THIS MAP WAS PREPARED FOR ORANGE COUNTY ASSESSOR DEPT. PURPOSES ONLY. THE ASSESSOR MAKES NO GUARANTEE AS TO ITS ACCURACY NOR ASSUMES ANY LIABILITY FOR OTHER USES. NOT TO BE REPRODUCED. ALL RIGHTS RESERVED.
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IRVINE SUB.	M.M. 1-88
TRACT NO. 7953	M.M. 310-7 to 11 incl.
TRACT NO. 8762	M.M. 350-24, 25, 26
PARCEL MAP	P.M. 47-22, 60-14, 107-10
PARCEL MAP	P.M. 114-22, 181-13, 188-38
PARCEL MAP	P.M. 206-8, 266-17, 352-9, 376-4

MARCH 1973

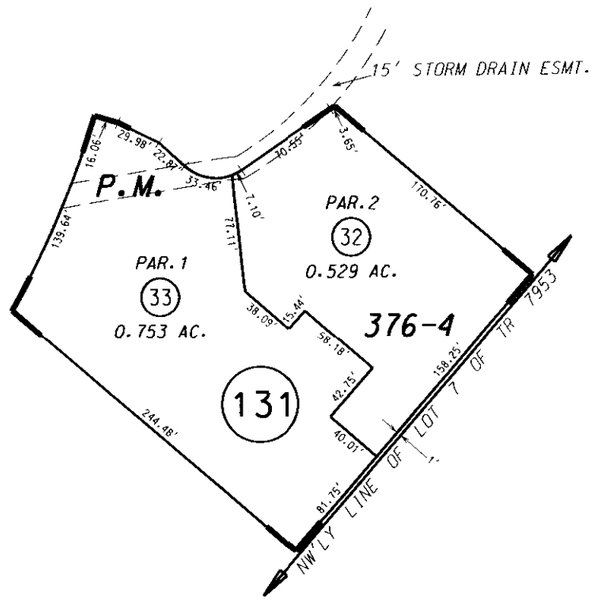
NOTE - ASSESSOR'S BLOCK & PARCEL NUMBERS SHOWN IN CIRCLES

ASSESSOR'S MAP BOOK 445 PAGE 13 COUNTY OF ORANGE

THIS MAP WAS PREPARED FOR ORANGE COUNTY ASSESSOR DEPT. PURPOSES ONLY. THE ASSESSOR MAKES NO GUARANTEE AS TO ITS ACCURACY NOR ASSUMES ANY LIABILITY FOR OTHER USES. NOT TO BE REPRODUCED. ALL RIGHTS RESERVED.
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445-13

REFERENCE



1" = 100'

JANUARY 2014



tional Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

50 0 500 1000

FEET

METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0286J

FIRM

FLOOD INSURANCE RATE MAP

ORANGE COUNTY, CALIFORNIA
AND INCORPORATED AREAS

PANEL 286 OF 539

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
COSTA MESA, CITY OF	060216	0286	J
IRVINE, CITY OF	060222	0286	J
NEWPORT BEACH, CITY OF	060227	0286	J
ORANGE COUNTY	060212	0286	J

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06059C0286J

MAP REVISED
DECEMBER 3, 2009

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

First American Title

First American Title Company

1250 Corona Pointe Court, Suite 200
Corona, CA 92879

Terri Hovdestad
Shopoff Realty Investments, L.P.
2 Park Plaza, Suite 700
Irvine, CA 92614

Customer Reference:	Koll LLA Revised Legal and Doc file
Order Number:	NHSC-5297979 (mw)
Title Officer:	Mark Wardle
Phone:	(951)256-5830
Fax No.:	
E-Mail:	MWardle@firstam.com
Buyer:	
Property:	TENTATIVE TRACT NO. 17852 Newport Beach, CA

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations 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 Exhibit A attached. *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 Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A 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.

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.

Dated as of September 21, 2016 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

KCN A Management, LLC, a Delaware limited liability company and John Hancock Life Insurance Company (U.S.A.), a Michigan corporation, as their interests appear of record

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2016-2017.

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. A perpetual avigation easement in and through the air above the herein described and other land, as conveyed to the County of Orange by the Irvine Company, by Deed recorded March 17, 1964 in Book 6965, Page 721, of Official Records, and the terms and conditions as set forth in said Deed to which record reference is hereby made for all particulars.

   The location of the easement cannot be determined from record information.

4. The terms and provisions contained in the document entitled "Reciprocal Grant of Easement" recorded November 6, 1972 as Book 10413, Page 573 of Official Records.

5. Covenants, conditions, restrictions and easements in the document recorded July 20, 1973 as Book 10811, Page 683 of Official Records, which provide that a violation thereof shall not defeat or render invalid the lien of any first mortgage or deed of trust made in good faith and for value, but deleting any covenant, condition, or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, sexual orientation, familial status, disability, handicap, national origin, genetic information, gender, gender identity, gender expression, source of income (as defined in California Government Code § 12955(p)) or ancestry, to the extent such covenants, conditions or restrictions violation 42 U.S.C. § 3604(c) or California Government Code § 12955. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status.

   As amended by a First Amendment to Declaration of Covenants, Conditions and Restrictions dated January 24, 1974 and recorded January 30, 1974 in Book 11066, Page 822 of Official Records of Orange County, California; a Second Amendment to the Declaration of Covenants, Conditions and Restrictions dated January 10, 1975 and recorded January 15, 1975 in Book 11323, Page 916 of Official Records of Orange County, California; a Third Amendment to the Declaration of Covenants, Conditions and Restrictions dated August 26, 1996 and recorded August 26, 1996 as Instrument No. 19960436398 of Official Records of Orange County, California and a Fourth Amendment recorded June 13, 1997 as Instrument No. 19970273424 of Official Records.

6. An appurtenant non-exclusive easement in perpetuity for ingress and egress from the public streets adjacent to Lot 7 of Tract 8762, and a portion of Lot 7 of Tract 8762, in the City of Newport Beach, County of Orange, State of California, to the real property described as Parcel "A" above, over and across all private driveways, as may, from time to time, be established within said Lot 7, together with an appurtenant non-exclusive easement in perpetuity for automobile parking on and in all "Common parking areas" within said Lot 7, as said term is defined in the Declaration of Covenants, Conditions and Restrictions of Koll Center Newport, dated as of June 18, 1973 and recorded July 20, 1973, as Instrument No. 20400, in Book 10811 Page 683, Official Records of Orange County, California, as amended by a First Amendment to Declaration of Covenants, Conditions and Restrictions, dated January 24, 1974 and recorded January 30, 1974 in Book 11066, Page 822, Official Records.

   The location of the easement cannot be determined from record information.

7. An easement for underground lines and incidental purposes, recorded January 15, 1974 as Book 11057, Page 740, and re-recorded October 2, 1974 in Book 11256, Page 1437 of Official Records.
   In Favor of: Southern California Edison Company, a corporation
   Affects: A portion of the land

8. An easement for underground lines and incidental purposes, recorded January 15, 1974 as Book 11057, Page 750 of Official Records.
   In Favor of: Southern California Edison Company, a corporation
   Affects: A portion of the land

9. An easement for storm drain and incidental purposes, recorded April 5, 1974 as Book 11112, Page 1401 of Official Records.
   In Favor of: The City of Newport Beach, a municipal corporation
   Affects: A portion of the land

10. An easement for bicycle, pedestrian access and incidental purposes, recorded November 18, 1974 as Book 11289, page 916 of Official Records.
In Favor of: City of Newport Beach, a municipal corporation
Affects: A portion of the land

11. Covenants, conditions, restrictions and easements in the document recorded December 15, 1978 as Book 12965, Page 482 of Official Records, which provide that a violation thereof shall not defeat or render invalid the lien of any first mortgage or deed of trust made in good faith and for value, but deleting any covenant, condition, or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, sexual orientation, familial status, disability, handicap, national origin, genetic information, gender, gender identity, gender expression, source of income (as defined in California Government Code § 12955(p)) or ancestry, to the extent such covenants, conditions or restrictions violation 42 U.S.C. § 3604(c) or California Government Code § 12955. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status.

The location of the easement cannot be determined from record information.

12. An easement for ingress, egress, automobile parking and incidental purposes, recorded December 15, 1978 as Book 12965, Page 482 of Official Records.
In Favor of: Aetna Life Insurance Company, a Connecticut corporation
Affects: A portion of the land

The location of the easement cannot be determined from record information.

13. An easement for public utilities and incidental purposes, recorded July 8, 1982 as Instrument No. 82-235448 of Official Records.
In Favor of: Southern California Edison Company, a corporation
Affects: A portion of the land

14. Various private drives of varied widths for access to and from Mac Arthur Boulevard, Von Karman Avenue, and Birch Street, as shown on maps filed in Book 114, Pages 22 to 24, in Book 181, Pages 13 to 18 and in Book 188, Pages 38 to 44, all of Parcel Maps, records of said Orange County.

15. The fact that the owners of said land have no rights of vehicular access to Mac Arthur Blvd., and Von Karman Avenue, Birch Street and Jamboree Blvd., except at then existing private drives.

Abutter's rights of ingress and egress to or from said Streets, have been dedicated or relinquished on a Map filed in Book 181, Pages 13 through 19 of Parcel Maps.

16. The terms and provisions contained in the document entitled "Agreement" recorded August 10, 1993 as Instrument No. 93-0534036 of Official Records.

17. The terms and provisions contained in the document entitled "Covenant to Rockwell Property" recorded November 12, 1997 as Instrument No. 19970574871 of Official Records.

18. The terms and provisions contained in the document entitled "Easement Agreement" recorded February 9, 2006 as Instrument No. 2006000093208 of Official Records.

    The location of the easement cannot be determined from record information.

19. The terms and provisions contained in the document entitled "Memorandum of Agreement" recorded June 13, 2013 as Instrument No. 2013000359252 of Official Records.

    Document re-recorded July 18, 2013 as Instrument No. 2013000429555 of Official Records.

20. The terms and provisions contained in the document entitled "Memorandum of Agreement" recorded December 5, 2014 as Instrument No. 2014000524196 of Official Records.

21. Water rights, claims or title to water, whether or not shown by the public records.

22. Rights of parties in possession.

23. This is a pro-forma preliminary report. It does not reflect the present status of title and is not intended to be a commitment to insure.

    There are requirements that must be met before a policy of title insurance can be issued. Such requirements may include the recordation of a map or maps and/or a deed or deeds. A commitment to insure setting forth those requirements should be obtained from the Company.

    Prior to the issuance of any policy of title insurance, the Company will require:

24. With respect to KCN A Management, LLC, a Delaware limited liability company:
    a. A copy of its operating agreement and any amendments thereto;
    b. If it is a California limited liability company, that a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) be recorded in the public records;
    c. If it is a foreign limited liability company, that a certified copy of its application for registration (LLC-5) be recorded in the public records;
    d. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, that such document or instrument be executed in accordance with one of the following, as appropriate:
    (i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such document must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
    (ii) If the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.
    e. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require

25. With respect to John Hancock Life Insurance Company (U.S.A.), a Michigan corporation:
a. A certificate of good standing of recent date issued by the Secretary of State of the corporation's state of domicile.
b. A certified copy of a resolution of the Board of Directors authorizing the contemplated transaction and designating which corporate officers shall have the power to execute on behalf of the corporation.
c. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

INFORMATIONAL NOTES

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable 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. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

First American Title Company
1250 Corona Pointe Court, Suite 200
Corona, CA 92879
(951)256-5880
Fax - (909)476-2401

WIRE INSTRUCTIONS
for
First American Title Company, Demand/Draft Sub-Escrow Deposits
Riverside County, California

First American Trust, FSB
5 First American Way
Santa Ana, CA 92707
Banking Services: (877) 600-9473

ABA 122241255
Credit to First American Title Company
Account No. 3097840000

Reference Title Order Number 5297979 and Title Officer Mark Wardle

Please wire the day before recording.

LEGAL DESCRIPTION

Real property in the City of Newport Beach, County of Orange, State of California, described as follows:

Parcel A:

In the City of Newport Beach, County of Orange, State of California, being all of Parcel 1 and a portion of Parcel 2 of Lot Line Adjustment No. LA2013-007, recorded November 27, 2013 as Instrument No. 2013000649418 of Official Records, in the office of the County Recorder of said County, also being a portion of Parcels 4 and 5 of Parcel Map No. 82-713, per map recorded in Book 181 of Parcel Maps, pages 13 through 19, inclusive, records of said County, described as follows:

BEGINNING at the most easterly corner of said Parcel 2, said point being on the southwesterly Right-of-Way line of Birch Street (42.00 feet half width) as shown on said Lot Line Adjustment No. LA2013-007; thence South 40°38'26" West, 778.96 feet along the boundary of said Parcel 2 also being the northwesterly line of Parcel 4 of Parcel Map recorded in Book 108, Pages 27 and 28, of Parcel Maps, records of said County; thence North 49°21'34" West, 184.86 feet continuing along said boundary; thence South 40°38'26" West, 36.23 feet continuing along said boundary; thence North 49°21'34" West, 42.00 feet; thence North 40°38'26" East, 169.69 feet; thence North 49°21'34" West, 45.00 feet; thence North 40°38'26" East, 30.00 feet; thence South 49°21'34" East, 148.56 feet; thence North 81°29'51" East, 19.26 feet; thence North 40°38'26" East, 140.43 feet to a point in the northeasterly boundary of said Parcel 4; thence North 49°21'34" West, 12.50 feet along last said boundary to the most southerly corner of said Parcel 5; thence North 40°38'26" East, 346.59 feet along the southeasterly boundary of said Parcel 5 and its northeasterly projection; thence North 49°21'34" West, 141.17 feet; thence South 85°33'19" West, 346.03 feet to a point in the northwesterly boundary of said Parcel 5; thence South 40°38'26" West, 101.54 feet along last said boundary to the most westerly corner of said Parcel 5; thence North 49°21'34" West, 13.01 feet along the northeasterly boundary of said Parcel 4 to the most northerly corner of said Parcel 4; thence South 40°38'26" West, 215.34 feet along the northwesterly boundary of said Parcel 4 and it's southwesterly projection to a point on a line parallel with and 1.00 feet northeasterly of the northeasterly line of Lot 4 of Tract No. 8762, per map recorded in Book 350, Pages 24 through 26, miscellaneous maps, records of said County; thence North 49°21'34" West, 309.99 feet along last said parallel line; thence South 85°33'19" West, 64.39 feet; thence South 55°00'54" West, 8.86 feet to a point on the easterly Right-of-Way line of Von Karman Avenue (50.00 feet half width) as shown on said Lot Line Adjustment No. LA2013-007; thence North 06°59'31" West, 327.98 feet along last said Right-of-Way line to the beginning of a tangent curve, concave easterly, having a radius of 550.00 feet; thence northerly, along said curve and last said Right-of-Way line, through a central angle of 47°37'57", a distance of 457.24 feet; thence North 40°38'26" East, 37.63 feet continuing along said Right-of-Way line to the beginning of a tangent curve, concave southerly, having a radius of 65.00 feet; thence easterly along said curve, through a central angle of 90°00'00" a distance of 102.10 feet to a point on said southwesterly Right-of-Way line of Birch Street; thence South 49°21'34" East, 1236.04 feet along last said Right-of-Way to the POINT OF BEGINNING.

Excepting therefrom all of Lot 5, of said Tract No. 8762.

Also excepting therefrom all of Lot 6 of said Tract No. 8762.

Also excepting therefrom all of Parcel 6, of said Parcel Map No. 82-713

NOTE: THE ABOVE LEGAL DESCRIPTION IS FOR THE SOLE PURPOSE OF THIS REPORT AND MAY NOT BE CONSIDERED FOR USE IN ANY POLICY OF TITLE INSURANCE TO BE ISSUED BY THIS COMPANY, AND IS SUBJECT TO CHANGE AT ANY TIME.

NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

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

EXCLUSIONS

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

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

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

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

LIMITATIONS ON COVERED RISKS

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

For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A. The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1% of Policy Amount Shown in Schedule A or $2,500 (whichever is less)	$10,000
Covered Risk 18:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 19:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 21:	1% of Policy Amount Shown in Schedule A or $2,500 (whichever is less)	$5,000

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 or 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 ither 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.
7. [Variable exceptions such as taxes, easements, CC&R's, etc. shown here.]

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (12-02-13)

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, 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.



First American Title

Privacy Information

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Information Obtained Through Our Web Site

First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet.

In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site.

There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

Business Relationships

First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

Cookies

Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.

FirstAm.com uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

Fair Information Values

Fairness We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.

Public Record We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.

Use We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.

Accuracy We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.

Education We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.

Security We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

APPENDIX C
HISTORICAL AERIAL PHOTOGRAPHS/TOPOGRAPHIC MAPS/ DIRECTORIES/SANBORN MAP REPORT

SHO-72189.1

SE of Birch Street/Von Karman Avenue

Newport Beach, CA 92660

Inquiry Number: 4758412.9

October 20, 2016

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

10/20/16

Site Name:

SHO-72189.1
SE of Birch Street/Von Karman
Newport Beach, CA 92660
EDR Inquiry # 4758412.9

Client Name:

EEI, Inc.
2195 Faraday Ave, Suite K
CARLSBAD, CA 92008
Contact: Ryan Merkey

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

Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 03, 1989	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1977	1"=500'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 30, 1972	USGS
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: November 18, 1952	USDA
1946	1"=500'	Flight Date: December 29, 1946	USGS
1938	1"=500'	Flight Date: June 14, 1938	USDA

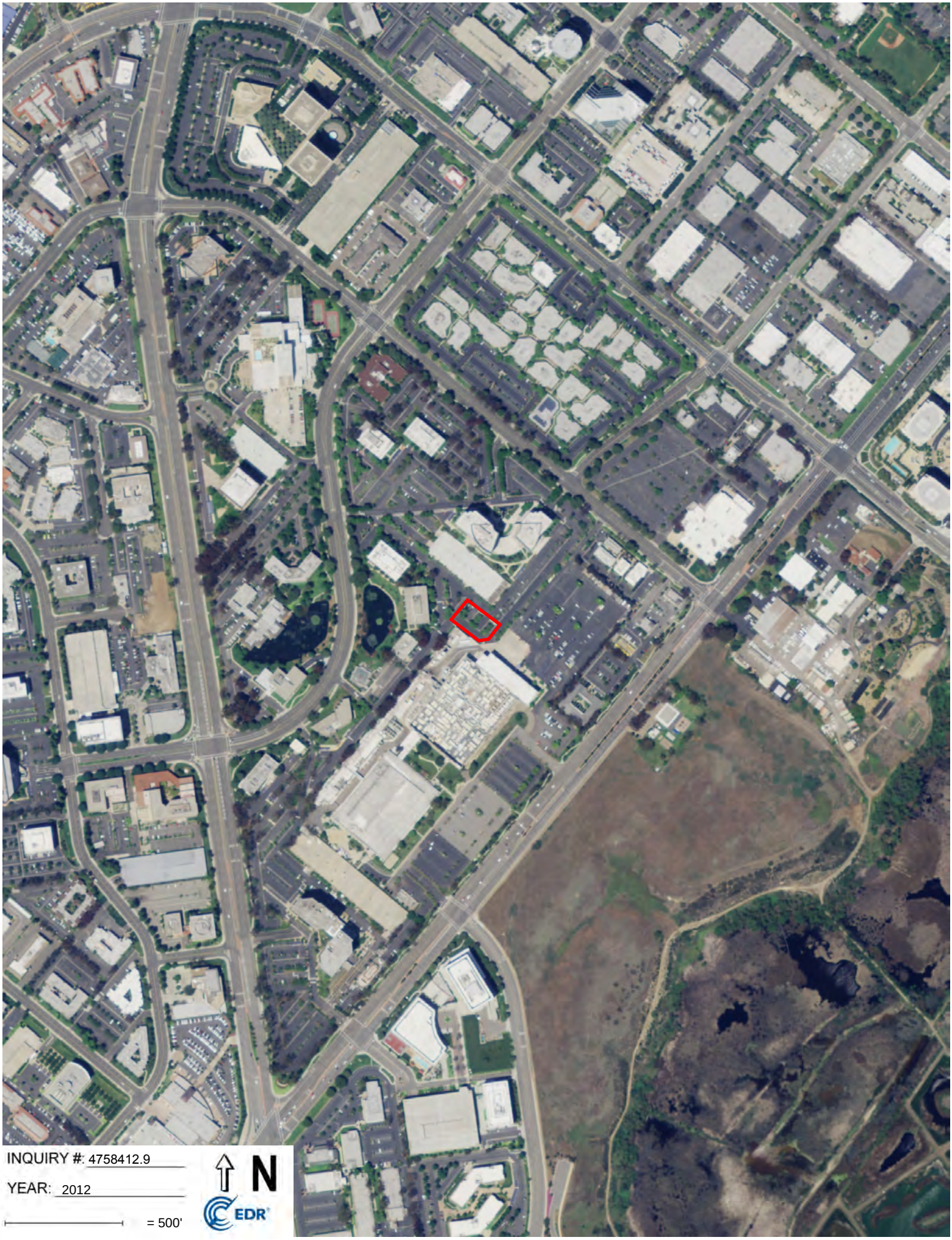
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

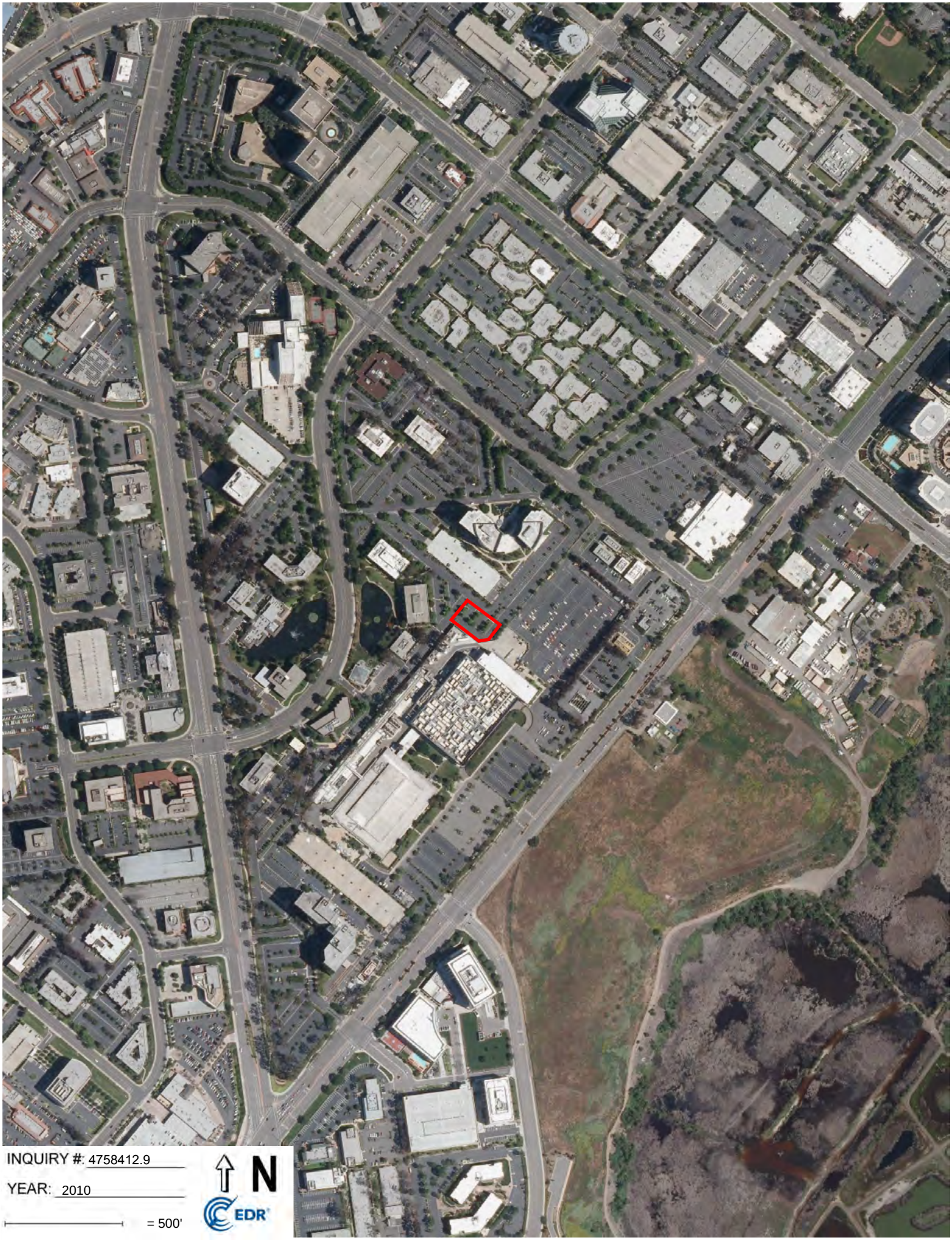
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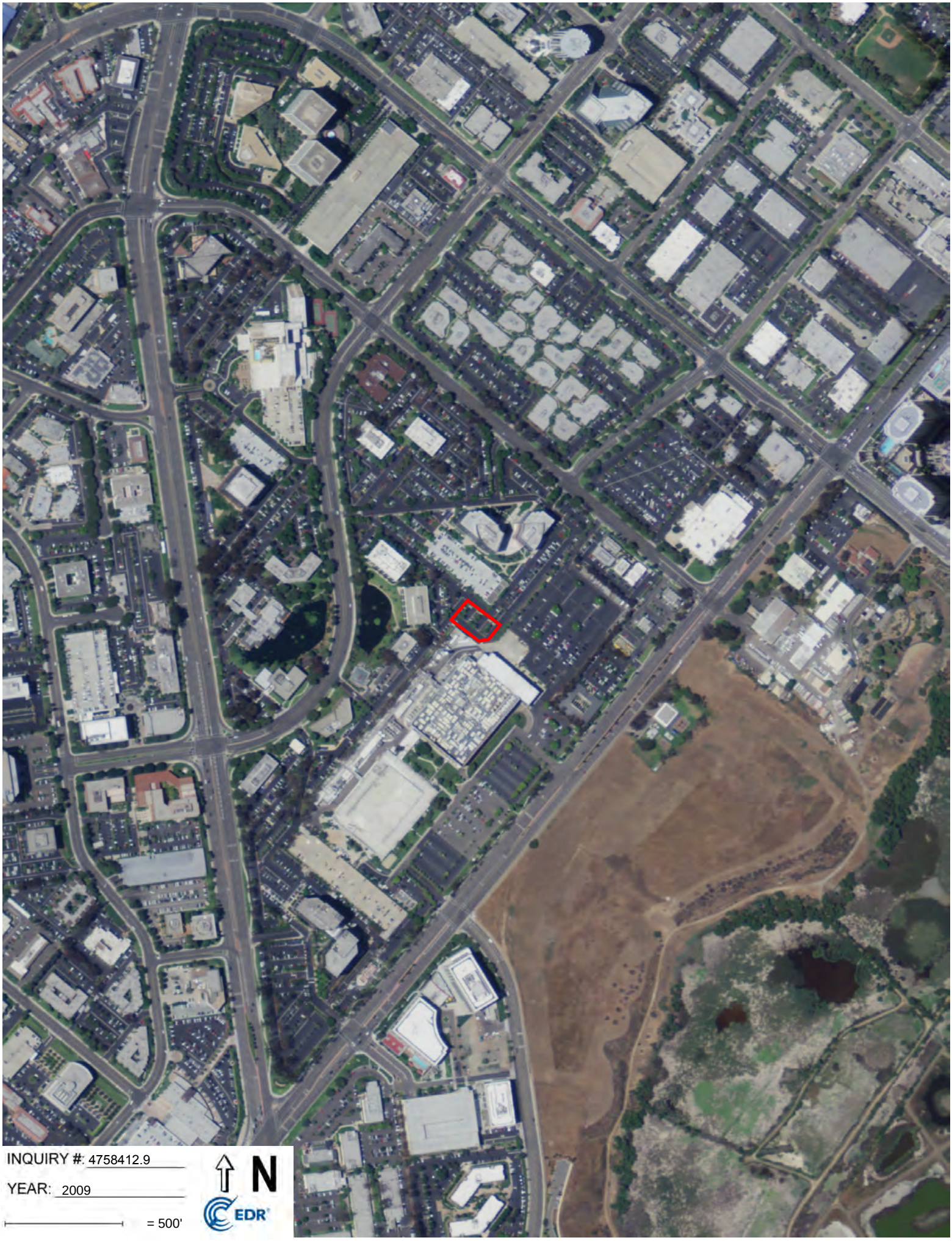
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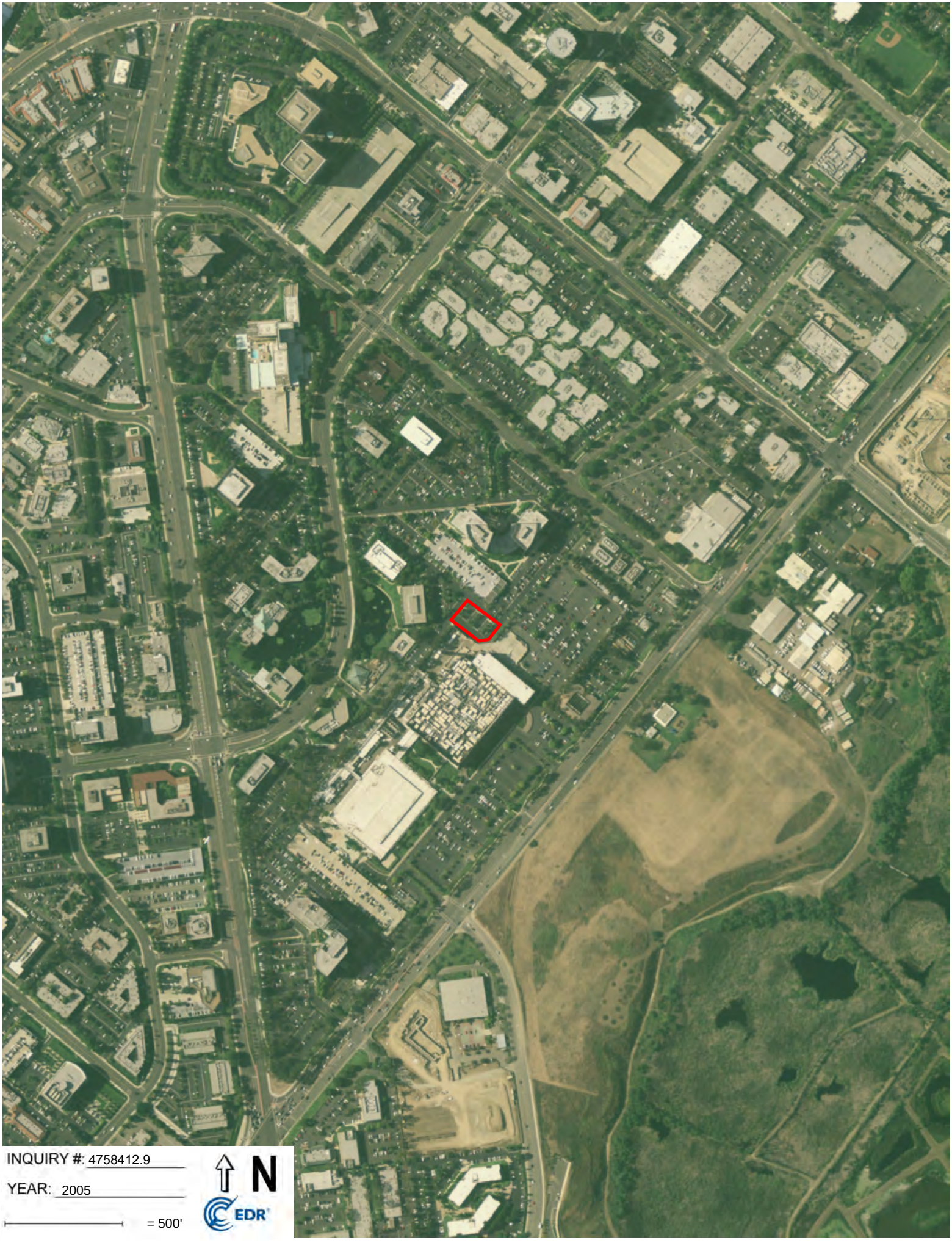
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INQUIRY #: 4758412.9
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 4758412.9
YEAR: 2010
= 500'
N
EDR


INQUIRY #: 4758412.9
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 4758412.9
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 4758412.9
YEAR: 1994
= 500'
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EDR


INQUIRY #: 4758412.9
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 4758412.9
YEAR: 1985
= 500'
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EDR


INQUIRY #: 4758412.9
YEAR: 1977
= 500'
N
EDR


INQUIRY #: 4758412.9
YEAR: 1972
= 500'
N
EDR


INQUIRY #: 4758412.9
YEAR: 1963
= 500'
N
EDR


INQUIRY #: 4758412.9
YEAR: 1952
= 500'
N
EDR


INQUIRY #: 4758412.9
YEAR: 1946
= 500'
N
EDR


INQUIRY #: 4758412.9
YEAR: 1938
= 500'
N
EDR

SHO-72189.1

SE of Birch Street/Von Karman Avenue

Newport Beach, CA 92660

Inquiry Number: 4758412.4

October 19, 2016

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

10/19/16

Site Name:	Client Name:
SHO-72189.1	EEI, Inc.
SE of Birch Street/Von Karman	2195 Faraday Ave, Suite K
Newport Beach, CA 92660	CARLSBAD, CA 92008
EDR Inquiry # 4758412.4	Contact: Ryan Merkey

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by EEI, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# SHO-72189.1

Project: SHO-72189.1

Coordinates:

Latitude:	33.664066 33° 39' 51" North
Longitude:	-117.859514 -117° 51' 34" West
UTM Zone:	Zone 11 North
UTM X Meters:	420313.49
UTM Y Meters:	3725240.63
Elevation:	48.90' above sea level

Maps Provided:

2012	1902
1981	1901
1972	1896
1965	
1950, 1951	
1948, 1949	
1935	
1932	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Newport Beach
2012
7.5-minute, 24000

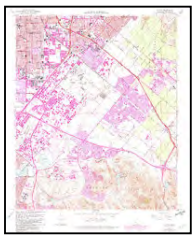


Tustin
2012
7.5-minute, 24000

1981 Source Sheets



Newport Beach
1981
7.5-minute, 24000
Photo Revised 1981
Aerial Photo Revised 1978



Tustin
1981
7.5-minute, 24000
Photo Revised 1981
Aerial Photo Revised 1978

1972 Source Sheets

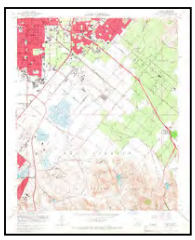


Tustin
1972
7.5-minute, 24000
Photo Revised 1972
Aerial Photo Revised 1972



Newport Beach
1972
7.5-minute, 24000
Photo Revised 1972
Aerial Photo Revised 1972

1965 Source Sheets



Tustin
1965
7.5-minute, 24000
Aerial Photo Revised 1963



Newport Beach
1965
7.5-minute, 24000
Aerial Photo Revised 1963
Edited 1965

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1950, 1951 Source Sheets



Tustin
1950
7.5-minute, 24000
Aerial Photo Revised 1946



Newport Beach
1951
7.5-minute, 24000
Aerial Photo Revised 1947

1948, 1949 Source Sheets



Tustin
1948
7.5-minute, 24000
Aerial Photo Revised 1946



Newport Beach
1949
7.5-minute, 24000
Aerial Photo Revised 1947

1935 Source Sheets



Newport Beach
1935
7.5-minute, 31680



Tustin
1935
7.5-minute, 31680

1932 Source Sheets



Newport Beach
1932
7.5-minute, 31680



Tustin
1932
7.5-minute, 31680

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1902 Source Sheets



Corona
1902
30-minute, 125000

1901 Source Sheets

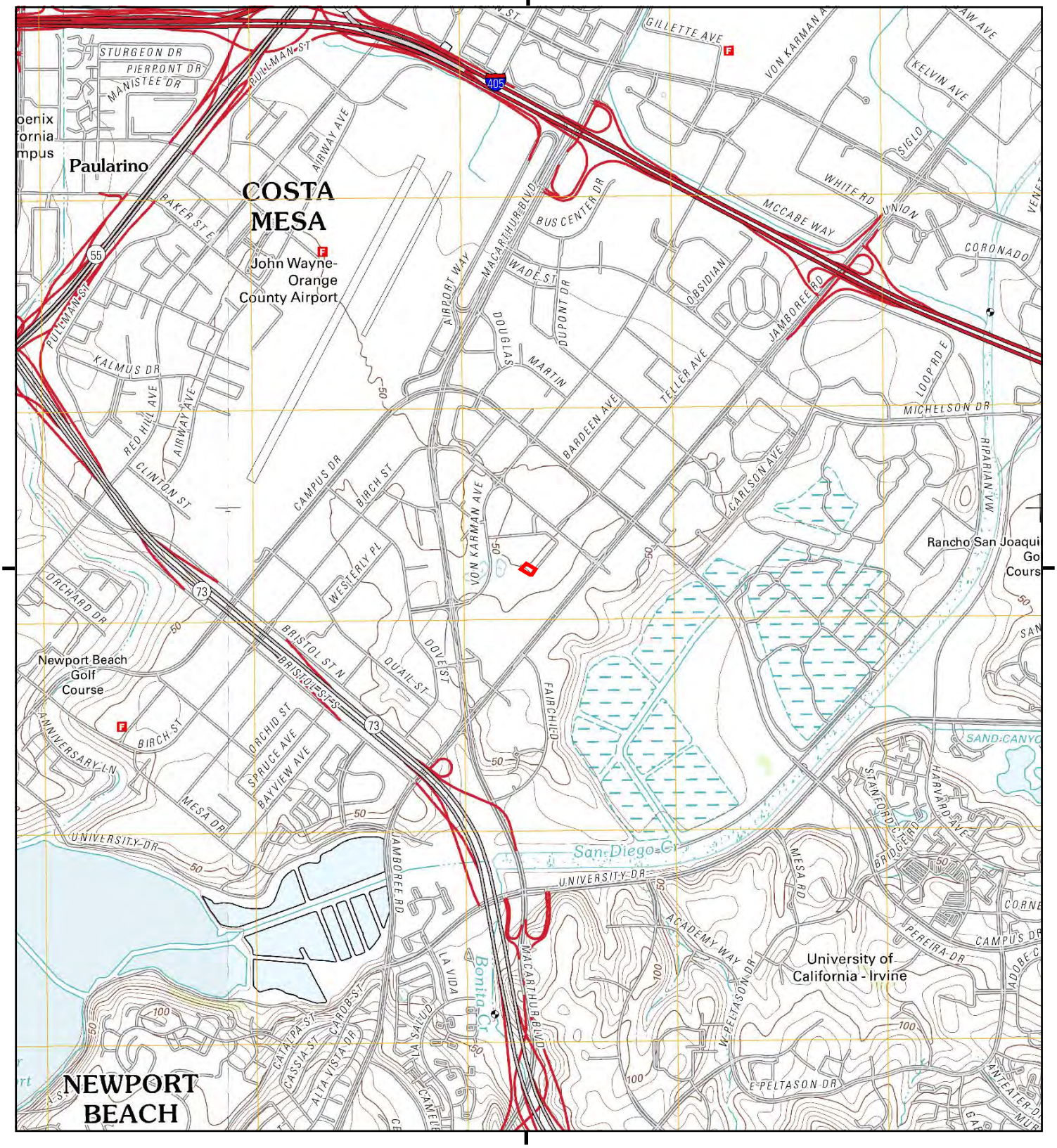


Santa Ana
1901
15-minute, 62500

1896 Source Sheets



Santa Ana
1896
15-minute, 62500



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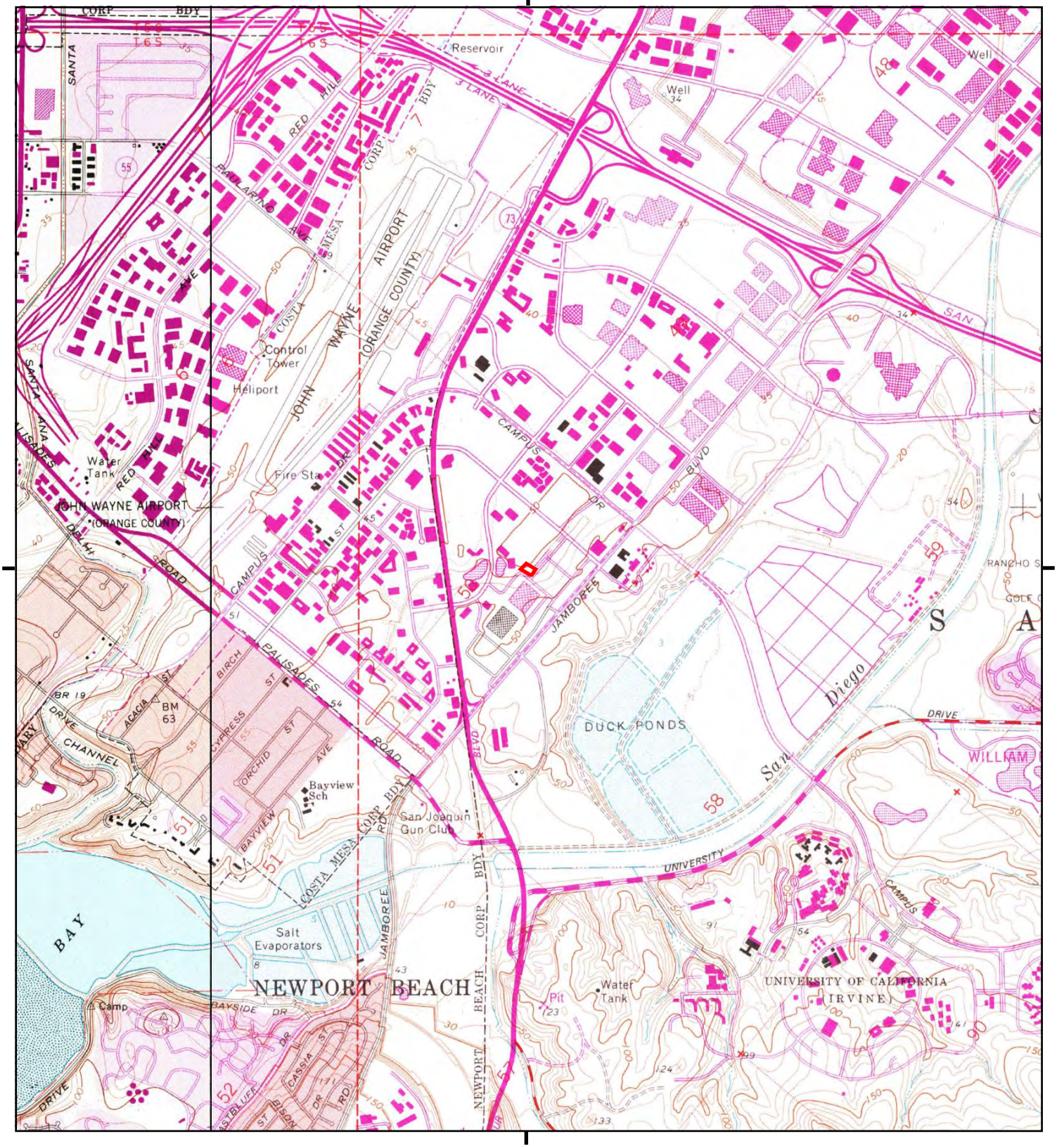
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 2012, 7.5-minute
W, Newport Beach, 2012, 7.5-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N



This report includes information from the following map sheet(s).

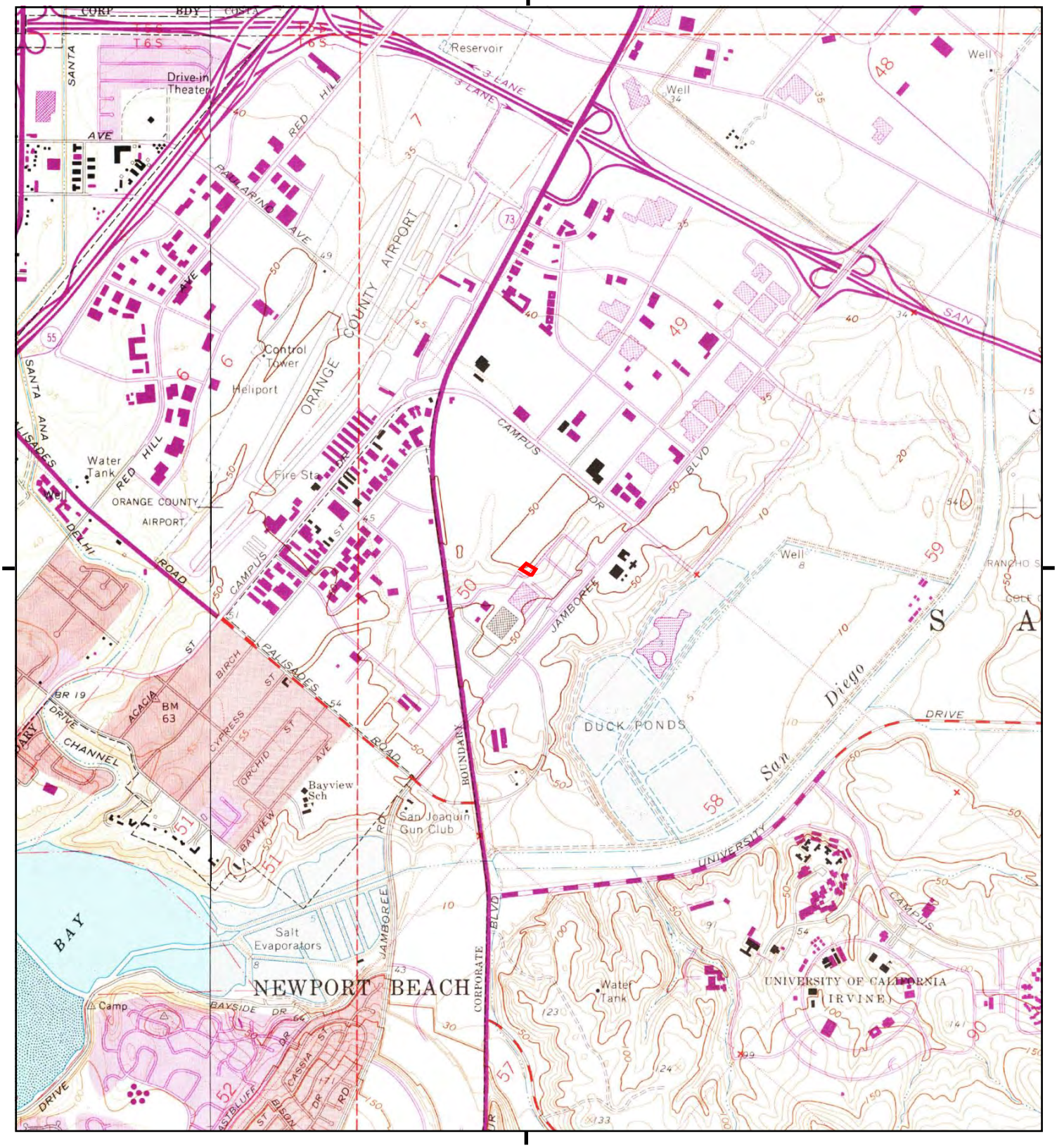
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1981, 7.5-minute
W, Newport Beach, 1981, 7.5-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N



This report includes information from the following map sheet(s).

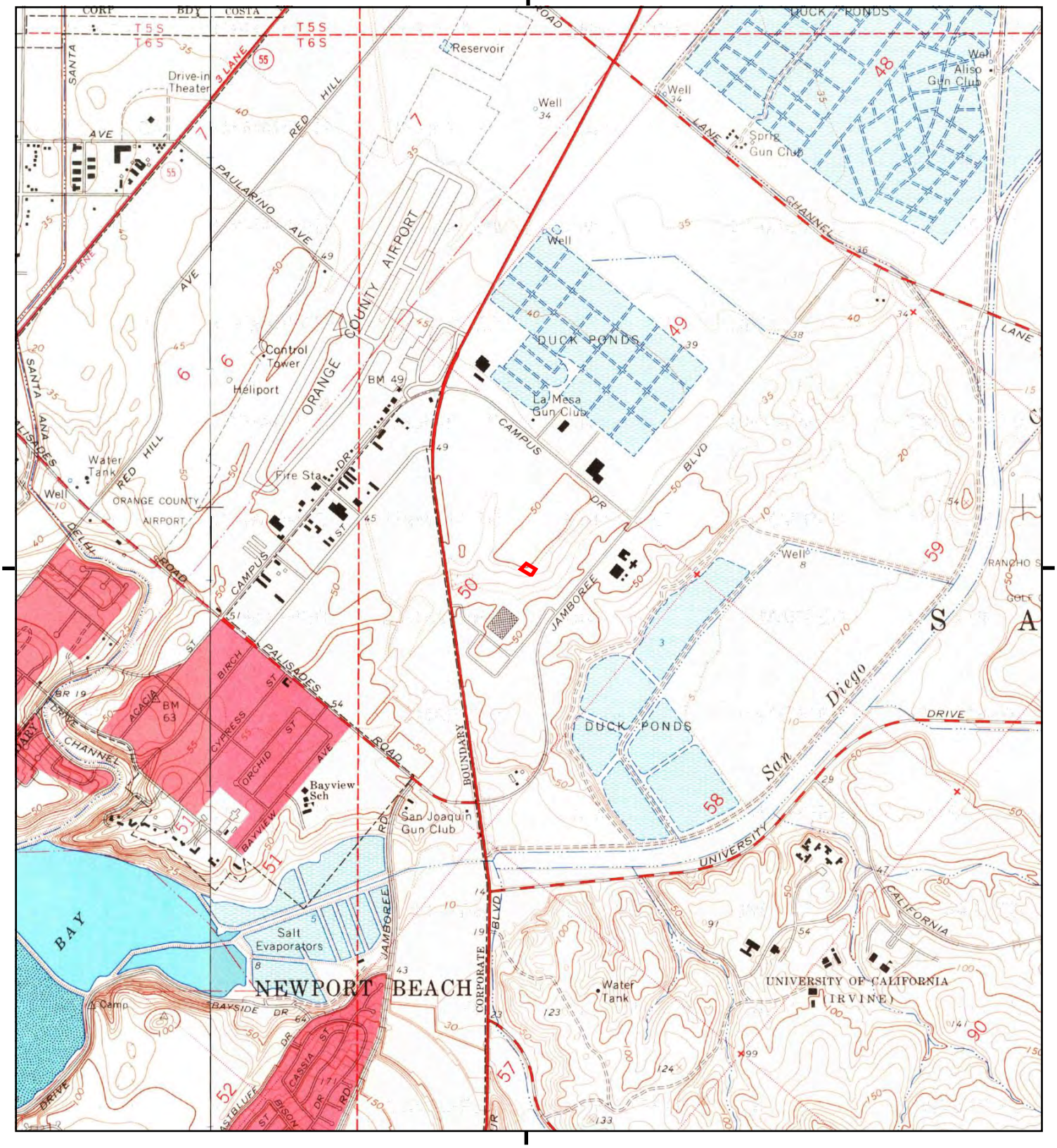
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1972, 7.5-minute
W, Newport Beach, 1972, 7.5-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N



This report includes information from the following map sheet(s).

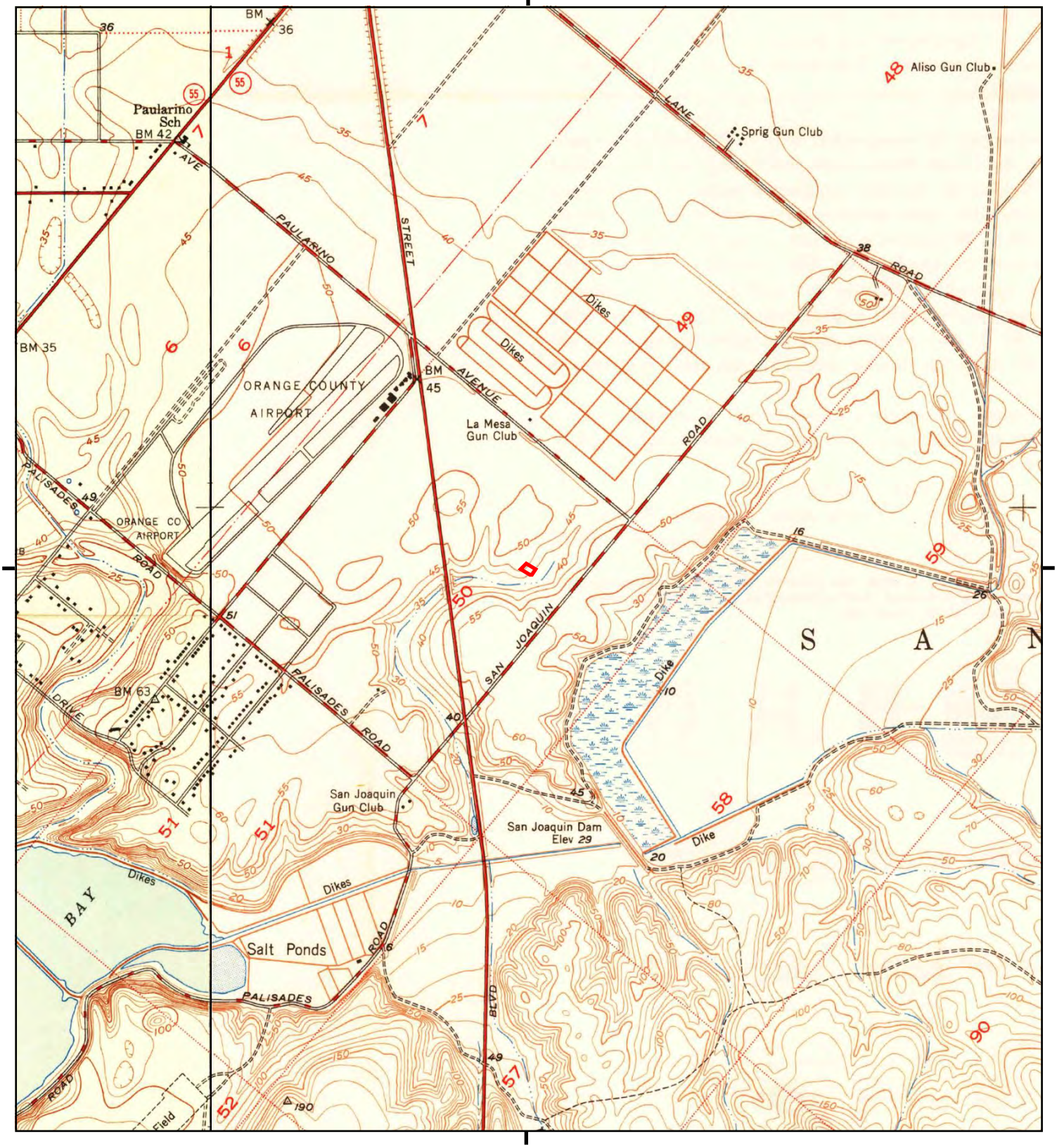
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1965, 7.5-minute
W, Newport Beach, 1965, 7.5-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N



This report includes information from the following map sheet(s).

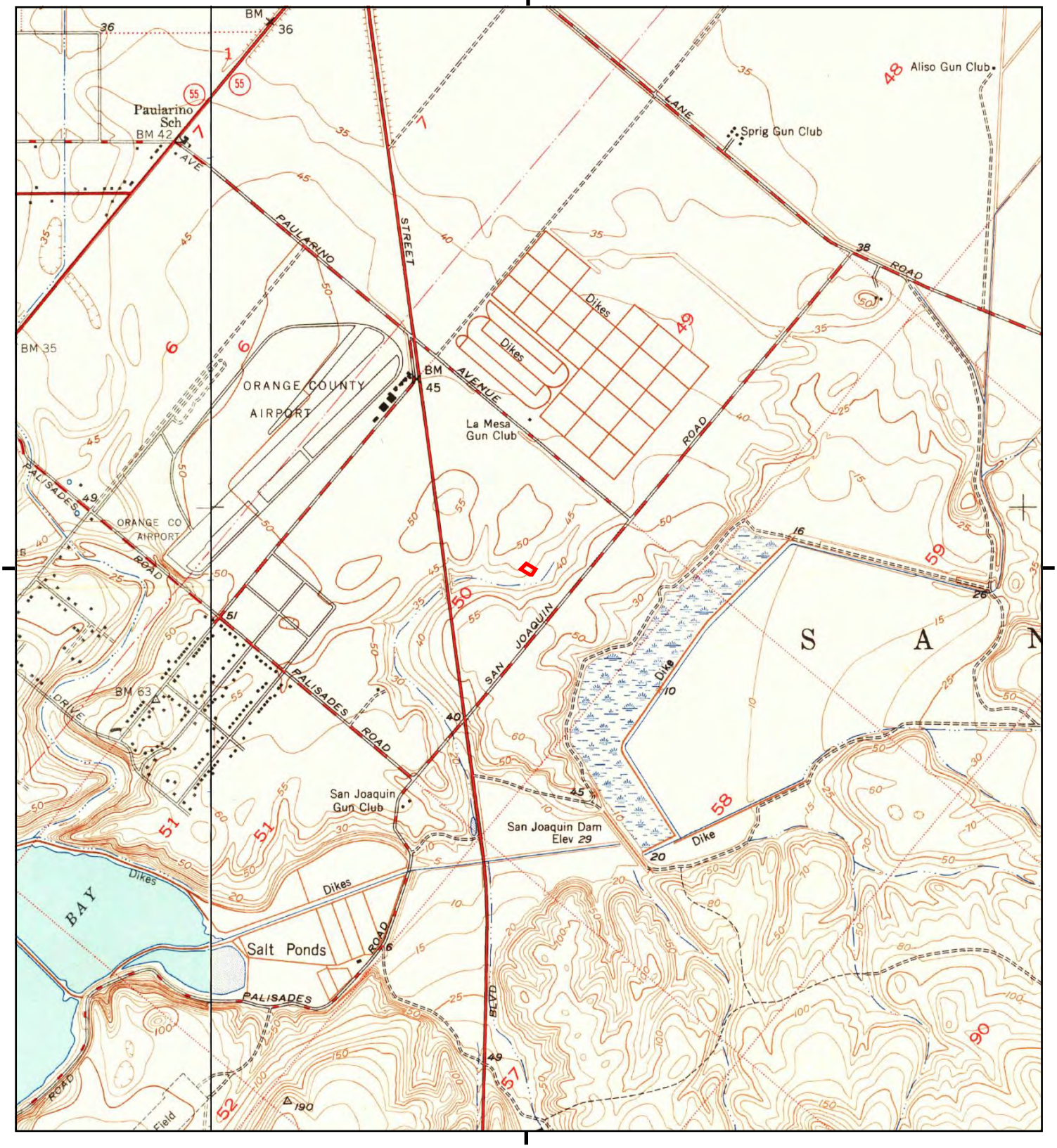
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1950, 7.5-minute
W, Newport Beach, 1951, 7.5-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

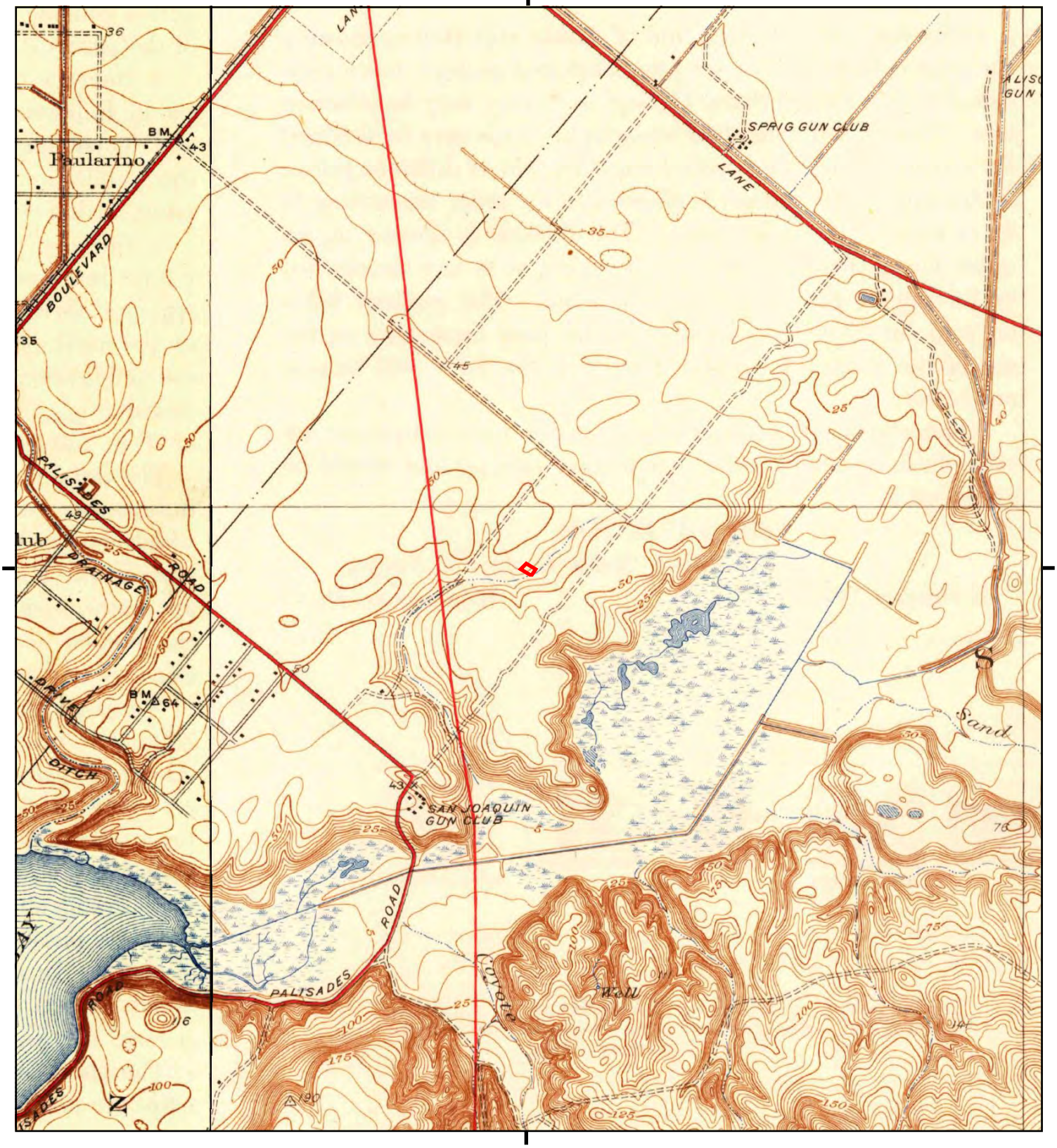
TP, Tustin, 1948, 7.5-minute
W, Newport Beach, 1949, 7.5-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N

Historical Topo Map

1935



This report includes information from the following map sheet(s).

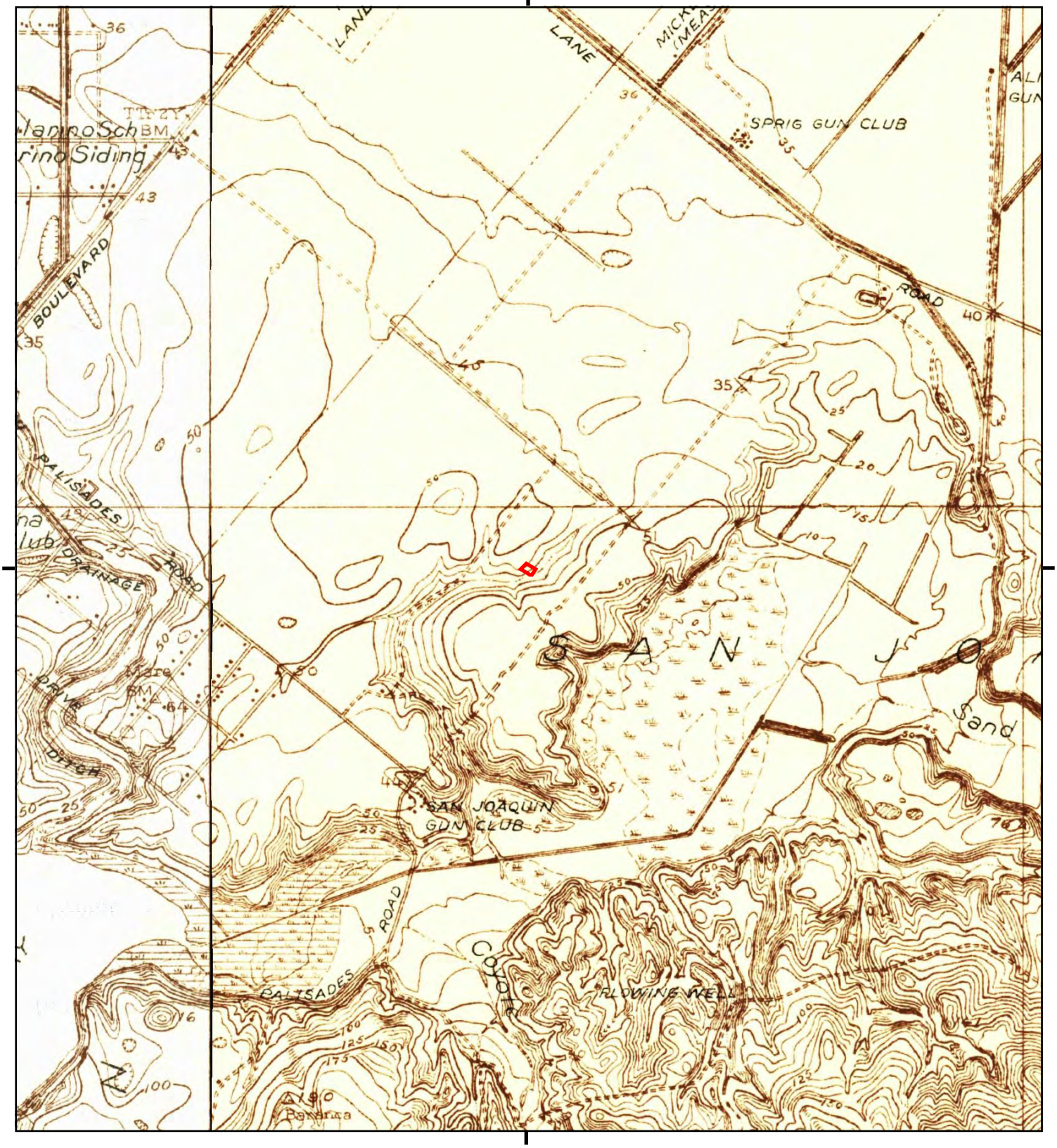
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1935, 7.5-minute
W, Newport Beach, 1935, 7.5-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N



This report includes information from the following map sheet(s).

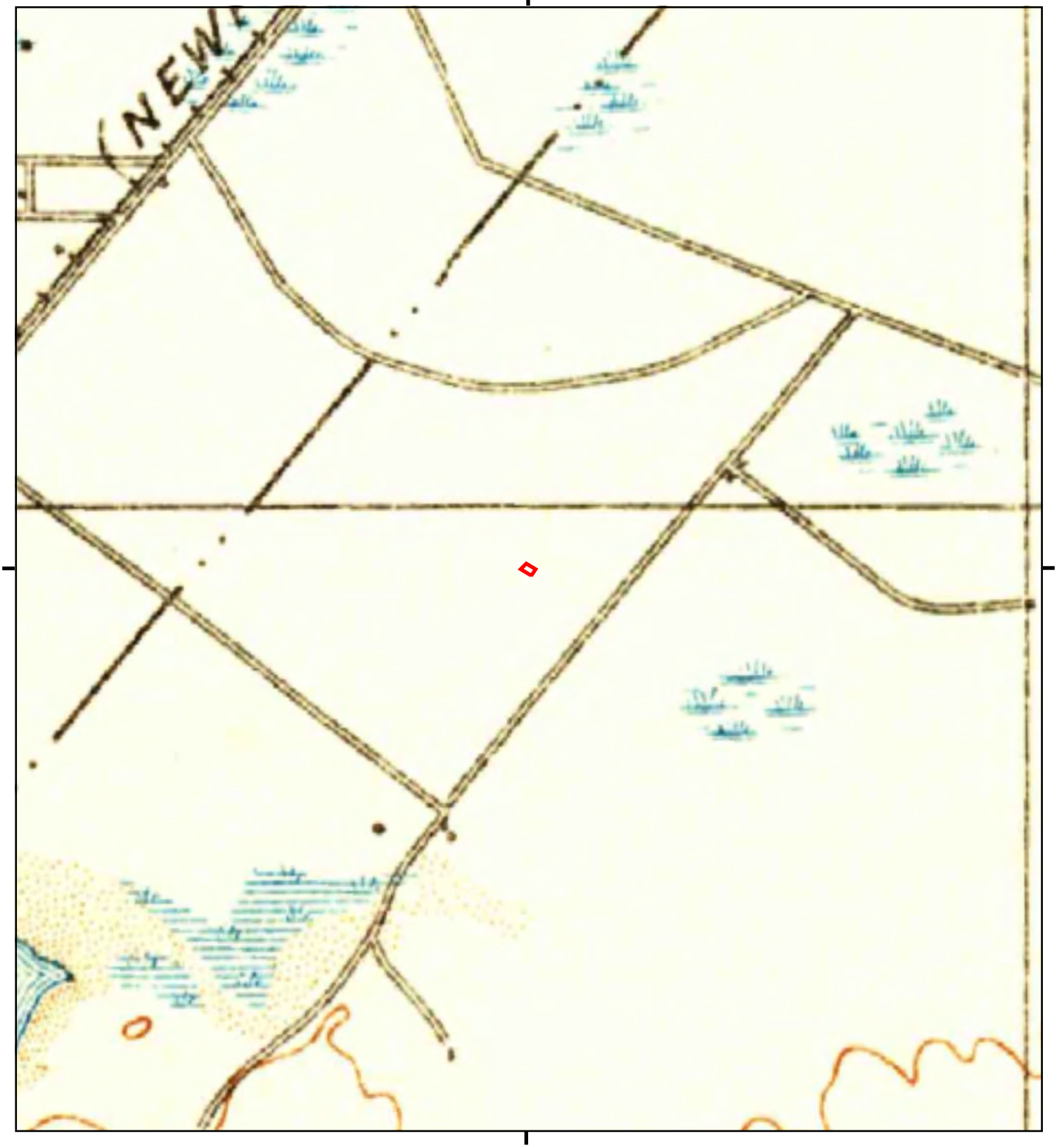
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tustin, 1932, 7.5-minute
W, Newport Beach, 1932, 7.5-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N



This report includes information from the following map sheet(s).

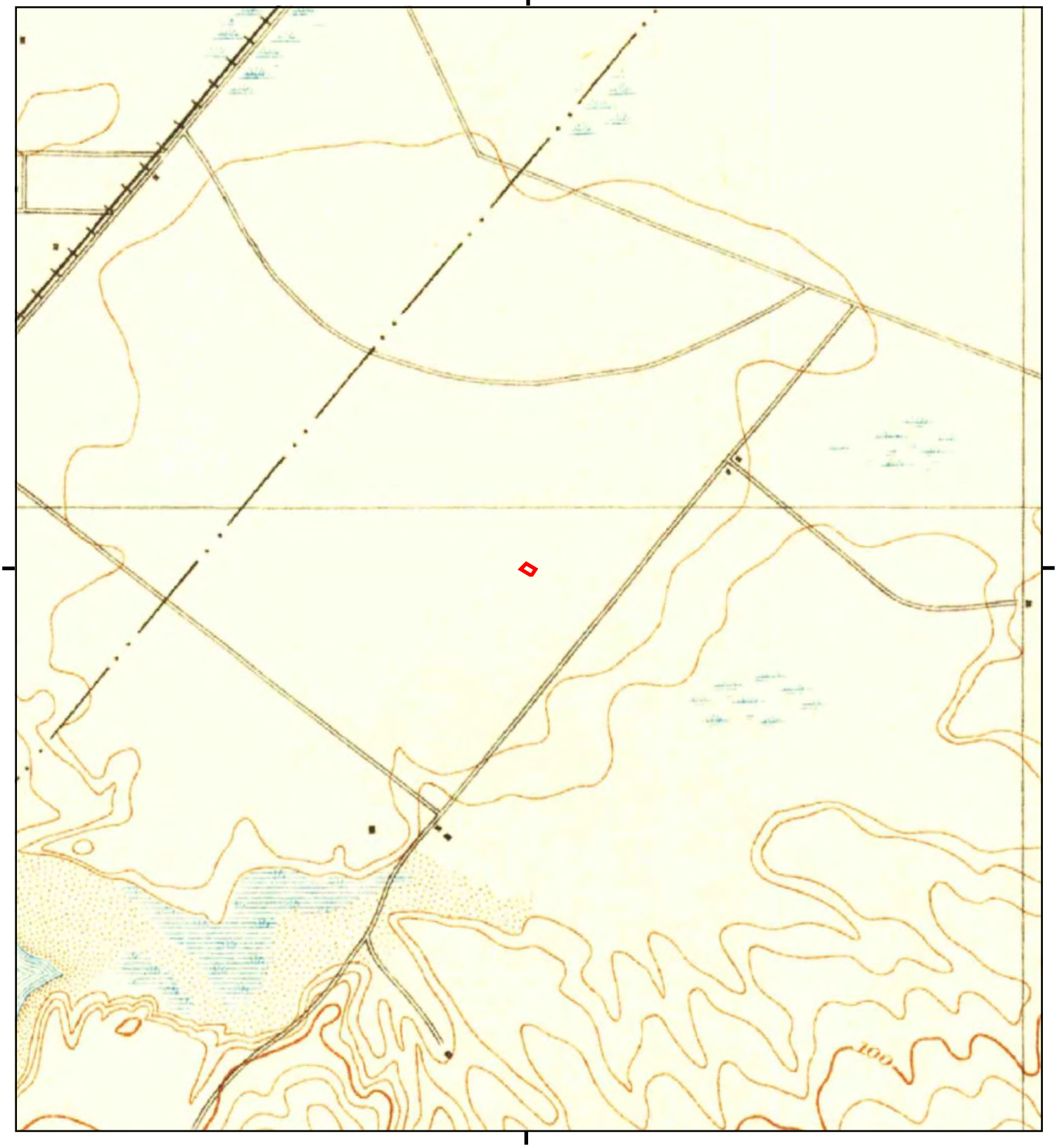
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Corona, 1902, 30-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N



This report includes information from the following map sheet(s).

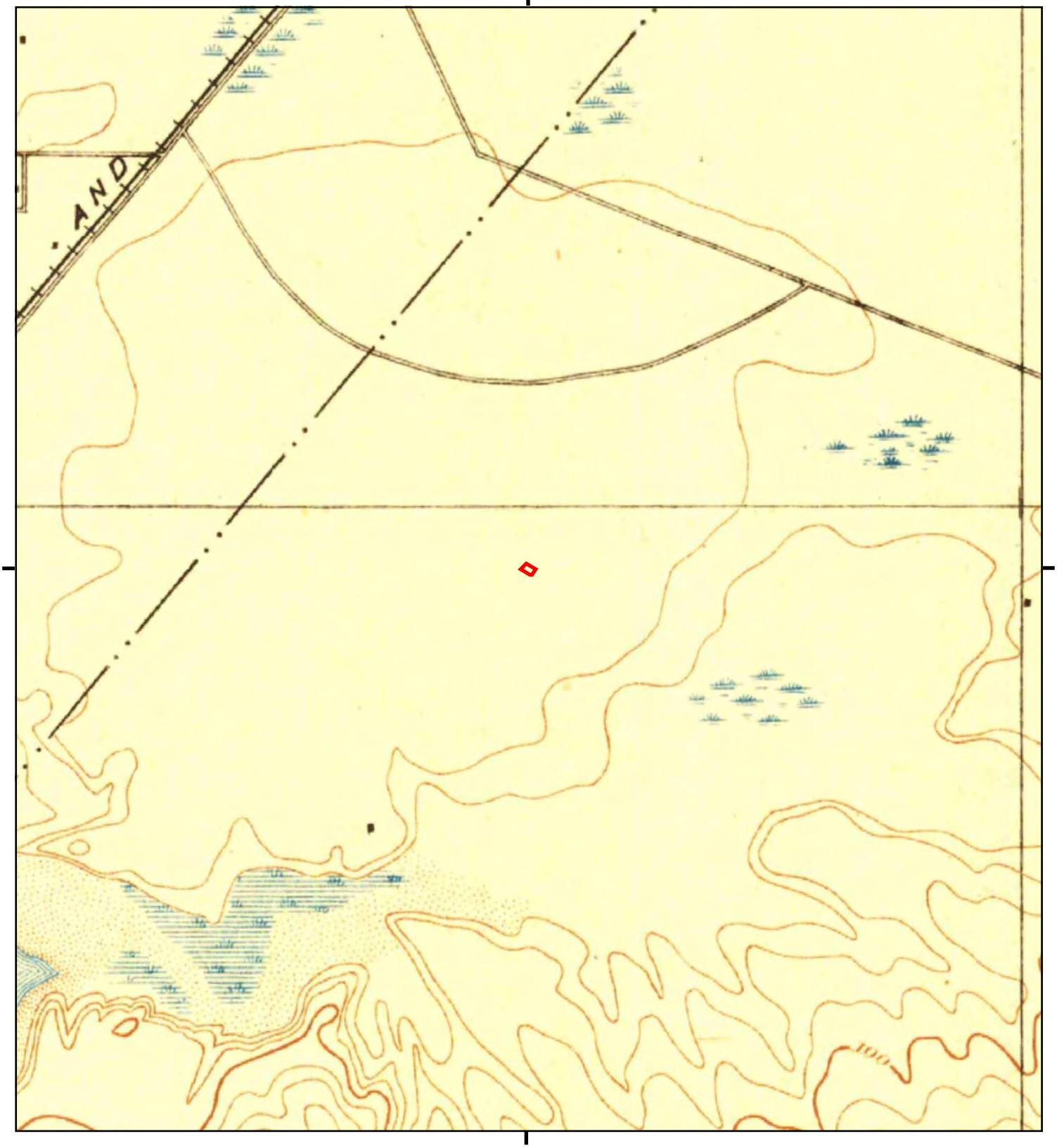
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Ana, 1901, 15-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Ana, 1896, 15-minute

SITE NAME: SHO-72189.1
ADDRESS: SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660
CLIENT: EEI, Inc.

N

SHO-72189.1
SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660

Inquiry Number: 4758412.5
October 20, 2016

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

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 2013. 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.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
2008	Cole Information Services	-	X	X	-
2003	Cole Information Services	-	X	X	-
2002	Haines Company	-	X	X	-
2001	Pacific Telephone	-	-	-	-
1997	Pacific Bell	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	Pacific Bell	-	-	-	-
1991	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1975	Luskey Brothers & Co., Inc.	-	X	X	-
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	The Pacific Telephone and Telegraph Co.	-	-	-	-
1955	The Pacific Telephone and Telegraph Co.	-	-	-	-
1952	Luskeys Directory Service Co.	-	-	-	-
1950	West Directory Co.	-	-	-	-
1946	Southern California Telephone Co.	-	-	-	-
1945	Western Directory Co.	-	-	-	-
1941	Southern California Telephone Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1936	Western Directory Co.	-	-	-	-
1930	Western Directory Co.	-	-	-	-
1926	Pacific Telephone	-	-	-	-
1925	Western Directory Co.	-	-	-	-
1922	Kaasen Directory Co.	-	-	-	-
1921	Western Directory Co.	-	-	-	-
1920	Santa Ana Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BIRCH

5100 BIRCH

Year	Uses	Source
1995	Stokes Nancy rl est apprsr	Pacific Bell
	Stokes Company The	Pacific Bell
	Mueller Nancy M MAI rl est aprsr	Pacific Bell
	Lesh K	Pacific Bell
	Lash Kerk & Associates	Pacific Bell
	Lesh K	Pacific Bell
	Adams John S MAI	Pacific Bell
	Harris Realty Advisors	Pacific Bell
	Fairchild Michael MAI	Pacific Bell
	Carl Distefano Mal	Pacific Bell
	BYER MARK HASKERrlest apprsr	Pacific Bell
	Byer John Mr Iestapprsr	Pacific Bell
	Lauford Mitchell &Associates	Pacific Bell

5120 BIRCH

Year	Uses	Source
1995	Smith Linden & Basso CPAs	Pacific Bell
	Basso AL	Pacific Bell
	Agora Development	Pacific Bell
	Southland Equities	Pacific Bell

5140 BIRCH

Year	Uses	Source
1995	Cavanaugh William E atty	Pacific Bell
	Cote George J BAtty	Pacific Bell
	Fortis Aviation	Pacific Bell
	Polos Diana M atty	Pacific Bell
	Cavanaugh Polos Diana M atty	Pacific Bell

FINDINGS

BIRCH LN

5100 BIRCH LN

Year	Uses	Source
1995	Drake & Associates	Pacific Bell
	Harr ISLAND James B MAI	Pacific Bell
	Distefano Carl Mal	Pacific Bell
	Di Stefano Carl MAI	Pacific Bell
	DISTEFANO COMPANY INC	Pacific Bell
	Di Stefano Company Inc	Pacific Bell

5140 BIRCH LN

Year	Uses	Source
1995	Concorde Equities	Pacific Bell

BIRCH ST

5100 BIRCH ST

Year	Uses	Source
2013	BYER & ASSOCIATES	Cole Information Services
	BARNARD VENTURES	Cole Information Services
	JOHN BYER	Cole Information Services
	KERK LESH	Cole Information Services
	PROFORMA PLUS REAL ESTATE SERVICES	Cole Information Services
	TIEMAN LARRY	Cole Information Services
	ADAMS JOHN S MAI	Cole Information Services
	LAUFORD MITCHELL & ASSOCIATES	Cole Information Services
	HARRIS REALTY APPRAISAL	Cole Information Services
2008	KERK LESH & ASSOCIATES	Cole Information Services
	MITCHELL LAUFORD & ASSOCIATES INC	Cole Information Services
	JOHN ADAMS & ASSOCIATES INC	Cole Information Services
	BARNARD VENTURES	Cole Information Services
	HARRIS REALTY APPRAISAL	Cole Information Services
	PROFORMA PLUS REAL ESTATE SERVICES	Cole Information Services
	TIEMAN LARRY	Cole Information Services
	JOHN M BYER	Cole Information Services
	MATTOX PROPERTY SERVICES	Cole Information Services
	PRECISION REALTY FINANCE	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2008	BYER & ASSOCIATES INC	Cole Information Services
2003	LAUFORD MITCHELL & ASSOCS	Cole Information Services
	KAUTTU VALUATION	Cole Information Services
	LARRY TIEMAN	Cole Information Services
	LESH KERK & ASSOCS	Cole Information Services
	BYER & ASSOCS INC	Cole Information Services
	EDMONDSON & ASSOCS	Cole Information Services
	JOHN M BYER	Cole Information Services
	MARK BYER	Cole Information Services
	ADAMS JOHN	Cole Information Services
2002	BUILDING	Haines Company
1991	Byer John M rl est apprsr	Pacific Bell
	Byer Mark Hasker rl est apprsr	Pacific Bell
	Equity Directions Inc	Pacific Bell
	fairchild Michael MAI	Pacific Bell
	Harris & Associates rl est apprsr	Pacific Bell
	Harris James B MAI	Pacific Bell
	Lauford Mitchell & Associates	Pacific Bell
	Lesh Kerk & Associates	Pacific Bell
	Mueller Nancy M MAI rl est aprsr	Pacific Bell
	Singer Bill & Associates	Pacific Bell
	Adams John S rl est apprsr	Pacific Bell
1986	Singer Bill & Associates	Pacific Bell
	Lesh Kerk & Associates	Pacific Bell
	Lauford Mitchel & Associates	Pacific Bell
	Harris James B MAI	Pacific Bell
	Fairchild Michael MAI	Pacific Bell
	Equity Directions Inc	Pacific Bell
	Equity Directions Development	Pacific Bell
	Byer Mark Hasker rl est apprsr	Pacific Bell
	Byer John M ri est apprsr	Pacific Bell
	Adams John S rl est apprsr	Pacific Bell
1980	Lauford Mitchell & Associates	Pacific Telephone
	Fairchild Michael Real Estate Appraiser	Pacific Telephone
	Equity Directions Inc	Pacific Telephone
	Adams John S	Pacific Telephone
	Associated Industrial Property	Pacific Telephone

FINDINGS

5106 BIRCH ST

Year	Uses	Source
2003	CREE & PRINEAS	Cole Information Services

5110 BIRCH ST

Year	Uses	Source
2008	Z WEST AMERICA CORP	Cole Information Services

5120 BIRCH ST

Year	Uses	Source
2013	SMITH LINDEN & BASSO CPAS	Cole Information Services
2008	KLEIN DANIEL S LAW OFFICES	Cole Information Services
	GEORGE KORNIEVSKY	Cole Information Services
	SMITH LINDEN & BASSO CPAS LLP	Cole Information Services
	ASSET MANAGEMENT CONSULTANTS	Cole Information Services
	MCKEE RESTAURANTS INC	Cole Information Services
	PACIFIC NATIONAL EQUITIES INC	Cole Information Services
2003	SMITH LINDEN & BASSO	Cole Information Services
	SOUTHLAND EQUITIES	Cole Information Services
	EQUITIES GROUP	Cole Information Services
	GEORGE M KORNLEVSKY	Cole Information Services
	PETERSON ROSS & KLEIN LLP	Cole Information Services
2002	BASSOA L	Haines Company
	EQUITIES GROUP	Haines Company
	SMITH LINDENABASSO	Haines Company
	CPAS SOUTHLAND EQUITIES	Haines Company
1991	Basso AL	Pacific Bell
	Southland Equities	Pacific Bell
	Linden Thomas M CPA	Pacific Bell
	Equities Group	Pacific Bell
1986	Basso Allen L	Pacific Bell
	Gibbs Company The	Pacific Bell

5140 BIRCH ST

Year	Uses	Source
2013	EGGHART SEMINARS	Cole Information Services
	DWD MANAGEMENT INC	Cole Information Services
	ENVISION CAPITAL GROUP	Cole Information Services
2008	THOMAS WELBOURNE ATTORNEY AT LAW	Cole Information Services
	DONNA M WEST MD	Cole Information Services

FINDINGS

Year	Uses	Source
2008	ENVISION CAPITAL GROUP INC	Cole Information Services
	COTE GEORGE J B ATTORNEY	Cole Information Services
	LAW OFFICES OF KENNETH STEVAN BURGI	Cole Information Services
	LAW OFFICE OF MICHAEL A MOLFETTA	Cole Information Services
	FOCUS AVIATION INC	Cole Information Services
	MAXIMUM CAPITAL CORP	Cole Information Services
2003	DIANA CAVANAUGH	Cole Information Services
	LAW OFF KENNETH S BURGI	Cole Information Services
	RICHARD W BONNER	Cole Information Services
	AEROSPACE CONCEPTS INC	Cole Information Services
2002	AEROSPACE	Haines Company
	CONCEPTS INC BONNER RICHARD W	Haines Company
	BURGI KENNETH	Haines Company
	STEVANLAWOFCS BURGI KENNETH	Haines Company
	STEVAN LAW OFCS CAVANAUGH DIAN	Haines Company
	ATTY FORTISAVIATION	Haines Company
	LENGYELLEAHUPAL	Haines Company
	ATTY POLOS DIANA MATY	Haines Company
1991	Kaufman Development Corp	Pacific Bell
	Phoenmxapital Corp	Pacific Bell
	Phoenixt Carpet Care	Pacific Bell
1986	D T S Investments Inc	Pacific Bell
	Diversified Tax Service	Pacific Bell
	Oklahoma Oil & Gas Inc	Pacific Bell
	Ortho Diagnostics Inc	Pacific Bell
1980	Dooley Brian G CPA	Pacific Telephone
	Dooley C A	Pacific Telephone
	Dooley Carol E	Pacific Telephone
	Dooley & Knutson CPAs	Pacific Telephone
	Knutson John C CPA	Pacific Telephone
	Lockwood Kenneth R CPA	Pacific Telephone
	Schulz & Stafford CPAs	Pacific Telephone
	Schulz Steven Rf	Pacific Telephone
	Sierra Pacitic Capital Co Inc	Pacific Telephone
	Wilcoxbn Gibson Investments	Pacific Telephone

FINDINGS

JAMBOREE

4425 JAMBOREE

Year	Uses	Source
1995	Giem & Clegg	Pacific Bell
	Giem & Clegg	Pacific Bell
	Clegg Chas T MD	Pacific Bell
	Kilmit Davld J	Pacific Bell
	Travelhost Of Southern Calif	Pacific Bell

JAMBOREE RD

4311 JAMBOREE RD

Year	Uses	Source
2013	RF NANO CORP	Cole Information Services
	CONEXANT SYSTEMS	Cole Information Services
	DIVENAV INC	Cole Information Services
	JAZZ SEMICONDUCTOR INC	Cole Information Services
	IWINK STUDIOS	Cole Information Services
2008	CONEXANT SYSTEMS INC	Cole Information Services
2003	SPECIALITYSEMI	Cole Information Services
	CONEXANT SYSTEMS INC	Cole Information Services
	SASCO	Cole Information Services
	ROCKWELL SEMICONDUCTOR SYSTEMS	Cole Information Services
	P & A FOOD SYSTEMS	Cole Information Services
	ROCKWELL INTERNATIONAL	Cole Information Services
	ROCKWELL SEMI CONDUCTOR SYS	Cole Information Services
2002	PFA FOOD SYSTEMS	Haines Company
	DYNAMIC SYSTEMS INC	Haines Company
1995	Cal West Credit Union	Pacific Bell
	Kinetic Systems Inc	Pacific Bell
	P & A Food Systems	Pacific Bell
	Rockwell Communication Systems	Pacific Bell
	Microelectronics Technology Center	Pacific Bell
	Semiconductor Products Division	Pacific Bell
	Rockwell Communication Systems	Pacific Bell
	Able Cable Inc	Pacific Bell
1991	P & A Food Systems	Pacific Bell
	Microelectronics Technology Center	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Semiconductor Products Dansion	Pacific Bell
	Collins William	Pacific Bell
	Collins Western Credit Union	Pacific Bell
1986	Collins Western Credit Union	Pacific Bell
	Semiconductor Products Division	Pacific Bell
1980	Collins Western Credit Union	Pacific Telephone
	Electronic Devices Division	Pacific Telephone
	Electronic Systems Group	Pacific Telephone
	Collins Communications Systems Division	Pacific Telephone
	Information Systems Center	Pacific Telephone
1975	Collins Radio Group	Luskey Brothers & Co., Inc.
	Pennington Robert Enterprises	Luskey Brothers & Co., Inc.
	Robert Pennington Enterprises	Luskey Brothers & Co., Inc.
	Newport Beach Operations	Luskey Brothers & Co., Inc.

4321 JAMBOREE RD

Year	Uses	Source
2008	NEWPORT FAB LLC	Cole Information Services
	PELICAN CATERING INC	Cole Information Services
	JAZZ SEMICONDUCTOR INC	Cole Information Services

4421 JAMBOREE RD

Year	Uses	Source
1986	Johnson Riley F	Pacific Bell

4425 JAMBOREE RD

Year	Uses	Source
2013	COLCLASER JAS G CPA	Cole Information Services
	THE COFINI GROUP	Cole Information Services
	KNUPPEL NEIL W ATTORNEY AT LAW	Cole Information Services
	HARDINESS INSTITUTE THE	Cole Information Services
	JASON STARKMAN STATE FARM INSURANC	Cole Information Services
	CATHERINE SHREENAN MFT	Cole Information Services
	FIRST LINE MORTGAGE	Cole Information Services
	SIGNATURE SERVICES	Cole Information Services
	ALLIANCE INVESTMENT REAL ESTATE INC	Cole Information Services
	SECURED FEDERAL FUNDING	Cole Information Services
	STEVEN HAN APC	Cole Information Services

FINDINGS

Year	Uses	Source
2013	WALTER COLE ATTORNEY AT LAW	Cole Information Services
	ATLAS TRAVEL	Cole Information Services
	GENERAL DOCUMENTATION RESOURCES	Cole Information Services
	PARIS LAW GROUP	Cole Information Services
	LAW OFFICE OF KEITH J BRUNO THE	Cole Information Services
	LAW OFFICE OF RUSSELL F BEHJATNIA	Cole Information Services
	SUPPORT SERVICES	Cole Information Services
	LETTERMAN BRYCE L	Cole Information Services
	CREATIVE CRATE	Cole Information Services
	LAW OFFICES OF MICHAEL T WALSH	Cole Information Services
	LAPIN CONSULTING GROUP	Cole Information Services
2008	MHKH LLC	Cole Information Services
	MASON PHARMACEUTICAL INC	Cole Information Services
	LESCOT INTERNATIONAL	Cole Information Services
	JAMES G COLCLASER CPA	Cole Information Services
	CHARLES MERRITT	Cole Information Services
	NEWPORT HAWAII INC	Cole Information Services
	SIGNATURE SERVICES	Cole Information Services
	ASSUREMIND LLC	Cole Information Services
	CHANNEL INC	Cole Information Services
	KEVIN M FEHRMANN	Cole Information Services
	THE LAW OFFICE OF BRYCE L LETTERMAN	Cole Information Services
	EQUITYSTORE COM	Cole Information Services
	MANCO HOSPITALITY GROUP LLC	Cole Information Services
	MIRAMAR HEALTH INC	Cole Information Services
	OPENPATH LLC	Cole Information Services
	NEWPORT FEDERAL CALIFORNIA CORP	Cole Information Services
	REAL ESTATE SOURCE	Cole Information Services
2003	NATIONAL EQUITY EXCHNG EQTYSTR	Cole Information Services
	DOLPHIN SECURITIES INC	Cole Information Services
	BRYCE L LETTERMAN	Cole Information Services
	HARDINESS INSTITUTE	Cole Information Services
	BRIDGEMONT CORP	Cole Information Services
	FEHRMANN KEVIN M ATTY AT LAW	Cole Information Services
	CHARTER WEST FINANCIAL MNGMNT	Cole Information Services
	NEWPORT FEDERAL	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2003	THOS E GREER	Cole Information Services
	INGALLS CHRISTOPHER PHD	Cole Information Services
	KILMONT ENERGY INC	Cole Information Services
	LESCOT INTERNATIONAL	Cole Information Services
	FELL CAPITAL MANAGEMENT	Cole Information Services
	ATTY AT LAW	Cole Information Services
	CHARTERWEST CONSULTING INC	Cole Information Services
	CARRS SPEECH	Cole Information Services
	VCC	Cole Information Services
	MASON PHARMACEUTICAL INC	Cole Information Services
	MARKETING SERVICE	Cole Information Services
2002	BUILDING	Haines Company
	CHABTERWEST 949 95 S 1550	Haines Company
	CONSULTING COLBERTEICHINGER	Haines Company
	RHODESACO DOLPHIN SECURITIES	Haines Company
	FEHRMA 4 N KEVIH	Haines Company
	ATOY ar FELL CAPITAL MNG	Haines Company
	HARDINESS INSTITUTE	Haines Company
	THE KHOSHABA DEBORAH	Haines Company
	KILMONTENERGYINC	Haines Company
	LESCOTINTERNATL	Haines Company
	LETTERMANBRYCEL	Haines Company
	ATEIATLAW MADDISALVATOREDR	Haines Company
	PHD MARKETING	Haines Company
	PARTNERS THE	Haines Company
	MASON	Haines Company
	PHARMACEUTICALS NAMANHY&BYRNE	Haines Company
	LAW OFFICES OF HATIONAL EQUITY	Haines Company
	EXCHANGE NEWPORT	Haines Company
	CONSULTING GROUP NEWPRT FEDERAL	Haines Company
	PARKERBJERRY	Haines Company
	REAL ESTATE SOURCE S	Haines Company
	SIGNATURESERVICES	Haines Company
1995	Glem David MD	Pacific Bell
	Giem & Clegg	Pacific Bell
	Lew ISLAND Victor Attorney At Law	Pacific Bell
	Rabin Adele S Ph D 2629201	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Ofc	Pacific Bell
	Stanley Alison E Ph D	Pacific Bell
	Ofc	Pacific Bell
	Amerlmax Financial Services	Pacific Bell
	Benefits Magazine	Pacific Bell
	Black William A Attorney At Law	Pacific Bell
	Bridgemont Corp	Pacific Bell
	Carrs Speech & Language Center	Pacific Bell
	Charter West Consulting	Pacific Bell
	Clegg Chas T MD	Pacific Bell
	College Bound Inc Elizabeth Hayward	Pacific Bell
	Continental Publication Inc	Pacific Bell
	Dolphin Securities	Pacific Bell
	Duerksen Cheryl L MFCC	Pacific Bell
	Fehrmann Kevin Matty at law	Pacific Bell
	Fell Capital Management	Pacific Bell
	Giem & Clegg	Pacific Bell
	Hammad Michael atty	Pacific Bell
	Harrington Douglas E Ph D A Professional Corporation	Pacific Bell
	Hayward Robert B	Pacific Bell
	Kilmit Davld J	Pacific Bell
	Klmont Energyloc	Pacific Bell
	Lang Mary Joann Ph D	Pacific Bell
	Letterman Bryce L attorney at law	Pacific Bell
	Marketing Partners The	Pacific Bell
	Mason Pharmaceutical	Pacific Bell
	Mason Pharmaceuticals Inc	Pacific Bell
	Newport Pacific Health Care	Pacific Bell
	Parker Jerry	Pacific Bell
	Remington Escrow	Pacific Bell
	Rogers Linda & Associates	Pacific Bell
	Selya Manny Ph D	Pacific Bell
	Summit Funding Corp	Pacific Bell
	Travelhost Of Southern Calif	Pacific Bell
	Walsh Michael T atty at law	Pacific Bell
	Widmann Siff & Co Inc	Pacific Bell
1991	Brenner Karen Beth Allen Brenner Inc	Pacific Bell
	Fehmrann Kevin M atty at law	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Marketing Management Group The	Pacific Bell
	Selya Manny Ph D	Pacific Bell
	Allen Brenner Inc	Pacific Bell
	Boyd & Boyd CPAs	Pacific Bell
	Brenner Allen Inc	Pacific Bell
	Bridgemont Corp	Pacific Bell
	College Bound Inc Elizabeth Hayward	Pacific Bell
	Delafield Harvey Tabell	Pacific Bell
	Dolphin Securities	Pacific Bell
	Fell Lazarus & Co	Pacific Bell
	Firestone Tire & Rubber Co	Pacific Bell
	Giem &Clegg	Pacific Bell
	Hammad Michael atty	Pacific Bell
	Harrington Douglas E Ph D A Professionai Corporation	Pacific Bell
	Hoffman Allen J atty at law	Pacific Bell
	Kilmont Capital Inc	Pacific Bell
	Knutson John C CPA	Pacific Bell
	Loran Corporation	Pacific Bell
	Mason Pharmaceutical	Pacific Bell
	Mason Pharmaceuticals Inc	Pacific Bell
	Montgomery & Associates	Pacific Bell
	Montgomery Thaddeus L	Pacific Bell
	Newport Pacific Health Care	Pacific Bell
	REMINGTON ESCROW	Pacific Bell
	Rossman Paul A CPA	Pacific Bell
	Walsh Michael T atty at law	Pacific Bell
	Weiner Marcia Allen Brenner Inc	Pacific Bell
	Wheeler Rocky CPA	Pacific Bell
1986	Corporate Benefit Planners Inc	Pacific Bell
	David N Hibbard & Associates	Pacific Bell
	Dick Glenda C	Pacific Bell
	Dolphin Securities	Pacific Bell
	Dore Jeffrey K CPA	Pacific Bell
	GPS Insurance Services Inc	Pacific Bell
	GE N S TAR DE VE LOPME N T S E RVICE S IN C	Pacific Bell
	GE N S TAR PACIFIC DE VE LOPME N T VE N TURE S	Pacific Bell
	Group Plan Services	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Hibbard David N & Associates	Pacific Bell
	Jones Bros Construction Corp	Pacific Bell
	Kaylm Company	Pacific Bell
	Knutson John C CPA	Pacific Bell
	Loran Corporation	Pacific Bell
	Parker Jerry	Pacific Bell
	Roberson Financial & Insurance Services	Pacific Bell
	Ruben Alan CPA	Pacific Bell
	Ruben Financial Associates	Pacific Bell
	Hergenreder L David CPA	Pacific Bell
1980	Jamboree Secretarial Services	Pacific Telephone
	Danson Consultants	Pacific Telephone
	Four By Five See The Photo Bank	Pacific Telephone
	Four Comers Pipe One Co Bal IRoac IStation @Anaheim@	Pacific Telephone
	Four Cs Bookkeeping Service I I	Pacific Telephone
	Frederick Hohwart	Pacific Telephone
	Freder Ick	Pacific Telephone
	Genstar Pacific Investments	Pacific Telephone
	Jamboree Plaza Secretarial Services	Pacific Telephone
	Loran Corporation	Pacific Telephone
	s Pvey William Design	Pacific Telephone
	The Photo Bank	Pacific Telephone
	Wilke Enterprises Inc	Pacific Telephone
	William Butiand	Pacific Telephone
	Williai P Dailey	Pacific Telephone

4501 JAMBOREE RD

Year	Uses	Source
2013	WIENERSCHNITZEL	Cole Information Services
2003	WIENERSCHNITZE 0390	Cole Information Services
2002	WIENERSCHNITZEL	Haines Company
	WIENERSCHNITZEL	Haines Company
1995	Weinerschnitzel	Pacific Bell
	Wienerschnitzei	Pacific Bell
	Newport Beach	Pacific Bell
1991	Newport Beach	Pacific Bell

FINDINGS

4551 JAMBOREE RD

Year	Uses	Source
2013	STARBUCKS COFFEE	Cole Information Services
	NEWPORT PIZZA INC	Cole Information Services
2008	STARBUCKS COFFEE CO	Cole Information Services
	ROUND TABLE PIZZA	Cole Information Services
	NEWPORT PIZZA 854 INC	Cole Information Services
2003	ROUND TABLE PIZZA	Cole Information Services

JAMBOREE RD NE

4501 JAMBOREE RD NE

Year	Uses	Source
1980	Newport Beach	Pacific Telephone

TELLER AVE

4601 TELLER AVE

Year	Uses	Source
1986	Smith Roger	Pacific Bell

VON KANNAN AVE

4350 VON KANNAN AVE

Year	Uses	Source
1991	Tasertron	Pacific Bell

VON KARMAN AVE

4300 VON KARMAN AVE

Year	Uses	Source
2013	PRES REALTY VENTURE I INC	Cole Information Services
2008	KOTO RESTAURANT	Cole Information Services
	PRES QUAIL STREET LLC	Cole Information Services
	LAKE ELSINORE ASSOCIATES III L P	Cole Information Services
	PRES INC	Cole Information Services
	DOBE STREET CONDOS INC	Cole Information Services
2003	KOTO RESTAURANT	Cole Information Services
2002	KOTOJAPANESE REST	Haines Company
	KOTO RESTAURANT	Haines Company
1995	Koto Japanese Restaurant	Pacific Bell

FINDINGS

Year	Uses	Source
1995	KOTO RESTAURANT	Pacific Bell
1991	Koto Restaurant	Pacific Bell
1986	Koto Japanese Restaurant	Pacific Bell
	KOTO RE S TAURAN T	Pacific Bell
1980	KOTO RE S TAURAN T	Pacific Telephone
	RE S TAURAN T KOTO	Pacific Telephone
1975	KOTO RESTAURANT	Luskey Brothers & Co., Inc.
	RESTAURANT KOTO	Luskey Brothers & Co., Inc.

4306 VON KARMAN AVE

Year	Uses	Source
1991	Koto Japanese Restaurant	Pacific Bell

4320 VON KARMAN AVE

Year	Uses	Source
2013	MEYER PROPERTIES	Cole Information Services
2008	MEYER PROPERTIES	Cole Information Services
2003	JL MADISON CO	Cole Information Services
2002	JL MADISON	Haines Company
	COMPANY MEYER PROPERTIES	Haines Company
1995	Meyer Properties	Pacific Bell
1991	Williams & Associates	Pacific Bell
	Elliott Corp	Pacific Bell
	R C Elllott Corp The	Pacific Bell
1986	P C Elliott Corp The	Pacific Bell
	E LLIOTT CORP	Pacific Bell
1980	Kraft Robt S Langdon & Wilson archts	Pacific Telephone
	Langdon Robt E Jr Langdon & Wilson archts	Pacific Telephone
	Langdon & Wilson archts	Pacific Telephone
	Wilson Ernest C Jr Langdon & Wilson archts	Pacific Telephone

4340 VON KARMAN AVE

Year	Uses	Source
2013	MBIT WIRELESS INC	Cole Information Services
	MEDVISION INC	Cole Information Services
	CCH INC	Cole Information Services
	KT TILES	Cole Information Services
	INTELLISTICK	Cole Information Services

FINDINGS

Year	Uses	Source
2013	NEWPORT CAPITAL	Cole Information Services
	CHRONICLE TECHNOLOGY INC	Cole Information Services
	ALLIANCE ACCEPTANCE INC	Cole Information Services
	BITCENTRAL INC	Cole Information Services
	ANTON & CHIA CPAS	Cole Information Services
	CITIVEST	Cole Information Services
	BELVEDERE PROPERTIES	Cole Information Services
	DANABO GROUP	Cole Information Services
	TRAVCOA	Cole Information Services
2008	MAVRIX TECHNOLOGY INC	Cole Information Services
	DAVINCI COMPUTER CORP	Cole Information Services
	TRAVCOA INC	Cole Information Services
	POWERLINE CONSULTING INC	Cole Information Services
	EQUITY INVESTMENT EDUCATION	Cole Information Services
	ROOMWITHNET INC	Cole Information Services
	REAL PAPER DISPLAYS INC	Cole Information Services
	SASCO ELECTRIC	Cole Information Services
	ALLIANCE INVESTOR GROUP	Cole Information Services
	RESIDENTIAL FINANCE AMERICA LP	Cole Information Services
	CHRONICLE TECHNOLOGY INC	Cole Information Services
	VELOCITY SPORTS PERFORMANCE	Cole Information Services
	EQUIPMENT CAPITAL CONSULTING	Cole Information Services
	SAGE NETWORK SERVICES	Cole Information Services
	OXFORD EQUITY GROUP	Cole Information Services
	SENZ IT INC	Cole Information Services
2002	XXXX	Haines Company
1995	SM S Inc	Pacific Bell
	SMS	Pacific Bell
1991	Marino Enterprises	Pacific Bell
	Tomsic Company The	Pacific Bell
	Kiser Steven C Attorney At Law	Pacific Bell
	Hoover Financial Group	Pacific Bell
1986	Home Health Care Of America	Pacific Bell
	Caremark Inc	Pacific Bell
	Americas Pharmacy Inc	Pacific Bell

4343 VON KARMAN AVE

Year	Uses	Source
2013	KBS REALTY ADVISORS	Cole Information Services

FINDINGS

Year	Uses	Source
2013	PICOCO	Cole Information Services
2008	TRAILMOBILE INTERNATIONAL LTD	Cole Information Services
	WKB VALUE PARTNERS LP	Cole Information Services
	KOLL BREN	Cole Information Services
	KOLL PER LLC	Cole Information Services
	TR HAMPTON ROADS CORP	Cole Information Services
	STEADFAST INVESTMENT MANAGEMENT	Cole Information Services
	STEADFAST VNP HOLDINGS MEMBER LLC	Cole Information Services
	WELLS FARGO HOME MORTGAGE INC	Cole Information Services
	KOLL INVESTMENT MANAGEMENT INC	Cole Information Services
	STEADFAST PROPERTIES	Cole Information Services
	ALLIANT INSURANCE SERVICES INC	Cole Information Services
2003	KOLL REAL ESTATE GROUP	Cole Information Services
	NC HOLDING CO	Cole Information Services
	CB KOLL ASIA PACIFIC	Cole Information Services
	KOLL TELECOMMUNICAT SERVICES	Cole Information Services
	GM REALTY ADVISORS LLC	Cole Information Services
	CAMPBELL REGG B CPA	Cole Information Services
2002	KANNE CHARLES	Haines Company
	KOLLBREN REALTY	Haines Company
	ADVISORS KOLL CONSTRUCTION	Haines Company
	KOLLTHERESVSCO	Haines Company
	THE KOLL COMPANY	Haines Company
1995	The Koll Company	Pacific Bell
	The Tarnutzer Companies	Pacific Bell
	Tarnutzer Companies	Pacific Bell
	KOLL THE REAL ESTATE SERVICES COMPANY	Pacific Bell
	Koll Management Services	Pacific Bell
	Koll Center Newport	Pacific Bell
	Koll Management Services	Pacific Bell
1991	KOLL COMPANY T@Huntington Beach@	Pacific Bell
	Koll Business Centers	Pacific Bell
	Koll Center Newport	Pacific Bell
	Koll Construction Company The	Pacific Bell
	Mortgage Investments Plus Inc	Pacific Bell
	The Kapl Company	Pacific Bell
1986	Koll Center Newport	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Koll Center Irvine North Leasing	Pacific Bell
	KOLL COMPANZ T@Huntington Beach@	Pacific Bell
1980	Newport Beach Office	Pacific Telephone
	Newport Beach Office	Pacific Telephone
	Newport Beach Office	Pacific Telephone
	Newport Beach Office	Pacific Telephone
	Newport Beach Office	Pacific Telephone
1975	Pacific Ventures	Luskey Brothers & Co., Inc.
	SMITH INTERNATIONAL INC Main Office	Luskey Brothers & Co., Inc.

4350 VON KARMAN AVE

Year	Uses	Source
2013	PHASE II SYSTEMS	Cole Information Services
	ISTAR FINANCIAL	Cole Information Services
	LNR PROPERTY CORPORATION	Cole Information Services
	STONERIDGE CAPITAL PARTNERS	Cole Information Services
	PARKING CONCEPTS	Cole Information Services
2008	STALKER ADVISORY SERVICES	Cole Information Services
	STONERIDGE CAPITAL PARTNERS	Cole Information Services
	LENNAR PARTNERS	Cole Information Services
	MERAGE FOUNDATIONS	Cole Information Services
	L & R PROPERTY CORP	Cole Information Services
	LENNAR PARTNERS OF LOS ANGELES INC	Cole Information Services
	KINETIC SYSTEMS	Cole Information Services
	HOMECOMINGS FINANCIAL NETWORK	Cole Information Services
2002	XXXX	Haines Company
1995	Jamboree Realty Corp	Pacific Bell
	Lawrence & Mayo	Pacific Bell
	Rosen Danielatty	Pacific Bell
	Saftarellf Law Corporation	Pacific Bell
	Saltorelli Thomas R Atty At Law	Pacific Bell
	Tasertron	Pacific Bell
	Titan Value Equities	Pacific Bell
	Tucker Richard M	Pacific Bell
	Upton Affiliates	Pacific Bell
	Vieth Jeff CFP	Pacific Bell
	Vogt & Resnick Law Corporations	Pacific Bell
	Resnick Barnet atty	Pacific Bell

FINDINGS

Year	Uses	Source
1995	White Paul J White & Clinebell Lawyers	Pacific Bell
1991	Allen Bruce L CPA	Pacific Bell
	Beardsley Miller Properties Inc	Pacific Bell
	Bremner Graves Corp	Pacific Bell
	Buffalo Capitol Corporation	Pacific Bell
	Castle & Webster Executive Search Consulting	Pacific Bell
	EEC Trust Limited	Pacific Bell
	Emerson Technologies	Pacific Bell
	Equity Profiles Inc	Pacific Bell
	Graves Gene	Pacific Bell
	Hays Gail financl plnng	Pacific Bell
	Koll Center Newport	Pacific Bell
	Laird Peter J rl est	Pacific Bell
	Resnick Barnet atty	Pacific Bell
	Ti C Network Inc	Pacific Bell
	Titan Capitol Corp	Pacific Bell
	Titan Value Equities Group	Pacific Bell
	Towne Centre Financial	Pacific Bell
	Tucker Richard M	Pacific Bell
	Tucker Robt	Pacific Bell
	Tucker Robert	Pacific Bell
	V N E Development	Pacific Bell
	Vieth Company The fmoand plnng	Pacific Bell
	Vieth Jeff CFP	Pacific Bell
	Vleth Stacy&Danielle	Pacific Bell
	Yogt S	Pacific Bell
	Vogt S	Pacific Bell
1986	Corp Ofc	Pacific Bell
	Allen Leslie Evans & Co cpa	Pacific Bell
	B B N Communications Corp	Pacific Bell
	Balboa Equities	Pacific Bell
	Barclay John A A Professional Corp	Pacific Bell
	Bell Oaks Co Inc	Pacific Bell
	CAL FE D MORTGAGE	Pacific Bell
	California Federal Commercial Banking	Pacific Bell
	Corporate Acquisitions & Planning Inc	Pacific Bell
	Cnstin Michael Attorney At Law	Pacific Bell
	Daon Development Corp	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Educational Purchasing Opportunities	Pacific Bell
	Eilers William H atty	Pacific Bell
	Equity Profilas Inc	Pacific Bell
	Finalco	Pacific Bell
	Greenwald Dave	Pacific Bell
	Greenwald Paul Even Greenwald t Resnick Law Corporations	Pacific Bell
	Hays Gall financlplnng	Pacific Bell
	Holiday Inns Development & Franchising	Pacific Bell
	Horowltt Darryl J Attorney At Law	Pacific Bell
	Howard Howard & Barnard Inc	Pacific Bell
	IMS PE RIAL LE GAL AS S IS TAN TS	Pacific Bell
	Lacorazza Horowitt & Cristin	Pacific Bell
	List Martin MD	Pacific Bell
	MGB Associates	Pacific Bell
	M L Properties	Pacific Bell
	Mahaffa Walt D atty	Pacific Bell
	Mony Group Insurance Sales	Pacific Bell
	Mutual Of New YorkGroup Insurance Sales	Pacific Bell
	Nippon Rubber U S A Corp	Pacific Bell
	Rash Wayne Gresnwald f Resnick Law Corporations	Pacific Bell
	Resnck Bamet atty	Pacific Bell
	Simpson Roland G atty	Pacific Bell
	Buffalo Capitol Corporation	Pacific Bell
	Strain & Simpson attys at law	Pacific Bell
	Stuart John	Pacific Bell
1980	Four Phase Sstems Inc	Pacific Telephone
	General Office	Pacific Telephone
	Butler John P CPA	Pacific Telephone
	Butler John P Accountancy Corp	Pacific Telephone
	Howard Howard & Barnard Inc	Pacific Telephone
	JRB Financial	Pacific Telephone
	Monroe Jim CPA	Pacific Telephone
	US Internationale	Pacific Telephone

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	Address Not Identified in Research Source
SE of Birch Street/Von Karman Avenue	2013, 2008, 2003, 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	Address Not Identified in Research Source
4300 VON KARMAN 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
4300 VON KARMAN AVE	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4306 VON KARMAN AVE	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4311 JAMBOREE RD	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4311 JAMBOREE RD	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4320 VON KARMAN AVE	2013, 2008, 2003, 2001, 1997, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4320 VON KARMAN 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
4321 JAMBOREE RD	2013, 2003, 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
4340 VON KARMAN AVE	2013, 2008, 2003, 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
4340 VON KARMAN AVE	2003, 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
4343 VON KARMAN 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
4343 VON KARMAN AVE	2013, 2008, 2003, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
4350 VON KANNAN AVE	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4350 VON KARMAN AVE	2013, 2008, 2003, 2001, 1997, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4350 VON KARMAN AVE	2003, 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
4421 JAMBOREE RD	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4425 JAMBOREE	2013, 2008, 2003, 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
4425 JAMBOREE RD	2013, 2008, 2003, 2001, 1997, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4425 JAMBOREE RD	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4501 JAMBOREE RD	2008, 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
4501 JAMBOREE RD	2013, 2008, 2003, 2001, 1997, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4501 JAMBOREE RD NE	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4551 JAMBOREE RD	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
4601 TELLER AVE	2013, 2008, 2003, 2002, 2001, 1997, 1995, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5100 BIRCH	2013, 2008, 2003, 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
5100 BIRCH LN	2013, 2008, 2003, 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
5100 BIRCH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5100 BIRCH ST	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
5106 BIRCH ST	2013, 2008, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
5110 BIRCH ST	2013, 2003, 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
5120 BIRCH	2013, 2008, 2003, 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
5120 BIRCH ST	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
5120 BIRCH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5140 BIRCH	2013, 2008, 2003, 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
5140 BIRCH LN	2013, 2008, 2003, 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
5140 BIRCH ST	2013, 2008, 2003, 2001, 1997, 1995, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5140 BIRCH ST	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

SHO-72189.1

SE of Birch Street/Von Karman Avenue

Newport Beach, CA 92660

Inquiry Number: 4758412.3

October 19, 2016

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

10/19/16

Site Name:

SHO-72189.1
SE of Birch Street/Von Karman
Newport Beach, CA 92660
EDR Inquiry # 4758412.3

Client Name:

EEI, Inc.
2195 Faraday Ave, Suite K
CARLSBAD, CA 92008
Contact: Ryan Merkey

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Sanborn® Library search results

Certification #: DF2C-4651-800F

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- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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APPENDIX D
ENVIRONMENTAL RECORDS SEARCH

SHO-72189.1
SE of Birch Street/Von Karman Avenue
Newport Beach, CA 92660

Inquiry Number: 4759232.2s
October 20, 2016

The EDR Radius Map™ Report with GeoCheck®

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

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Physical Setting SSURGO Soil Map	A-6
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-13
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with any questions or comments.

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

SE OF BIRCH STREET/VON KARMAN AVENUE
NEWPORT BEACH, CA 92660

COORDINATES

Latitude (North):	33.6641170 - 33° 39' 50.82''
Longitude (West):	117.8596080 - 117° 51' 34.58''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	420303.1
UTM Y (Meters):	3725053.0
Elevation:	51 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640942 TUSTIN, CA
Version Date:	2012
West Map:	5640950 NEWPORT BEACH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140514
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
SE OF BIRCH STREET/VON KARMAN AVENUE
NEWPORT BEACH, CA 92660

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	KOLL CENTER NEWPORT	4910 BIRCH ST	CA UST, CA SWEEPS UST	Higher	73, 0.014, NNW
A2	KOLL CO KCN 4 THE	4910 BIRCH ST	RCRA-SQG, FINDS, CA HAZNET, ECHO	Higher	73, 0.014, NNW
A3	KOLL CENTER NEWPORT	4910 BIRCH ST	CA LUST, CA FID UST, CA HIST CORTESE	Higher	73, 0.014, NNW
A4		4440 VON KARMAN AVE	EDR Hist Auto	Lower	73, 0.014, NNW
B5		5000 BIRCH ST	EDR Hist Auto	Higher	176, 0.033, NNE
B6	KOLL CENTER NEWPORT	5000 BIRCH ST	CA UST	Higher	176, 0.033, NNE
7		4343 VON KARMAN AVE	EDR Hist Auto	Lower	250, 0.047, WNW
8		4911 BIRCH ST	EDR Hist Auto	Higher	311, 0.059, North
9		4621 TELLER AVE	EDR Hist Auto	Higher	383, 0.073, NNE
C10		4400 MACARTHUR BLVD	EDR Hist Auto	Lower	461, 0.087, WNW
C11	KOLL CENTER NEWPORT	4400 MACARTHUR BLVD	CA UST	Lower	461, 0.087, WNW
C12	SANWA BANK BLDG. KCN	4400 MACARTHUR	CA LUST, CA HIST CORTESE	Lower	461, 0.087, WNW
D13	HOTEL MERIDIAN	4500 MACARTHUR BLVD	RCRA-SQG	Lower	508, 0.096, NW
D14	MERIDIEN HOTEL	4500 MAC ARTHUR BLVD	CA SWEEPS UST, CA FID UST	Lower	508, 0.096, NW
D15	THE SUTTON PLACE HOT	4500 MACARTHUR BLVD	CA UST, CA EMI	Lower	508, 0.096, NW
E16	CONEXANT SYSTEMS, IN	4311 JAMBOREE RD	CA ENVIROSTOR, CA LUST, CA ENF, CA HAZNET, CA...	Lower	694, 0.131, SSW
E17	CONEXANT SYSTEMS, IN	4000 MACARTHUR BLVD	RCRA-LQG, CA UST, FINDS, CA EMI, NY MANIFEST, ECHO	Lower	694, 0.131, SSW
E18	ROCKWELL INTERNATION	4311 JAMBOREE RD	CA LUST, CA SWEEPS UST, CA FID UST, CA HIST...	Lower	694, 0.131, SSW
19	NEWPORT FAB, LLC (DB	4321 JAMBOREE ROAD	RCRA-LQG, ICIS, FINDS, ECHO	Higher	711, 0.135, SSE
20	EMERALD CLEANERS	4341 MCARTHUR BLVD	RCRA-SQG, FINDS, CA DRYCLEANERS, CA HAZNET, ECHO	Higher	855, 0.162, WNW
F21	U C I - FLEET SERVIC	19182 JAMBOREE	CA UST	Higher	898, 0.170, East
F22	U C I - FLEET SERVIC	19182 JAMBOREE RD	CA LUST	Higher	898, 0.170, East
F23	U C I	19182 JAMBOREE RD	CA SWEEPS UST, CA FID UST, CA HIST CORTESE	Higher	898, 0.170, East
F24	U C IRVINE MEDICAL C	19172	CA HIST CORTESE	Higher	904, 0.171, East
G25	APPLIED CIRCUIT SOLU	2649 CAMPUS DR	RCRA NonGen / NLR, FINDS, CA HAZNET, ECHO	Lower	946, 0.179, NE
G26	ACCUPATH DIAGNOSTIC	2601 CAMPUS DR	CA LUST, CA HIST UST, CA HWP, CA NPDES	Lower	987, 0.187, NE
G27	ACCUPATH DIAGNOSTIC	2601 CAMPUS DR	CA ENVIROSTOR	Lower	987, 0.187, NE
G28	ACCUPATH DIAGNOSTIC	2601 CAMPUS DRIVE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG,...	Lower	987, 0.187, NE
G29	ICN BIOMEDICALS INC	2727 CAMPUS DR	RCRA-SQG, FINDS, ECHO	Lower	1002, 0.190, NE
H30	BECKMAN INSTRUMENTS	92800 CAMPUS DR / JA	RCRA NonGen / NLR, FINDS, ECHO	Lower	1028, 0.195, ENE
I31	AMERICAN DATA INDUST	2465 CAMPUS DR	CA LUST, CA HIST UST, CA HIST CORTESE	Lower	1095, 0.207, NNE
I32	AMERICAN DATA	2465 CAMPUS DR	CA UST	Lower	1095, 0.207, NNE
J33	KOLL CENTER NEWPORT	4590 MACARTHUR BLVD	CA UST	Higher	1099, 0.208, NW
J34	KOLL CENTER NEWPORT	4590 MAC ARTHUR	CA SWEEPS UST, CA FID UST	Higher	1099, 0.208, NW
J35	ORANGE COUNTY BUSINE	4590 MACARTHUR BLVD	RCRA-SQG, FINDS, ECHO	Higher	1099, 0.208, NW
K36	VNT PARTNERSHIP	2361 CAMPUS DR	CA LUST, CA HIST CORTESE	Lower	1201, 0.227, North
K37	C N T PARTNERSHIP	2361 CAMPUS DR	CA UST	Lower	1201, 0.227, North
H38	GW GLEANUP-IRVINE, C	CAMPUS & JAMBOREE	CA HIST CORTESE	Lower	1232, 0.233, ENE
L39	SHERATON HOTEL NEWPO	4545 MAC ARTHUR BLVD	CA SWEEPS UST, CA FID UST	Higher	1256, 0.238, NW

MAPPED SITES SUMMARY

Target Property Address:
SE OF BIRCH STREET/VON KARMAN AVENUE
NEWPORT BEACH, CA 92660

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L40	SHERATON HOTEL NEWPO	4545 MACARTHUR BLVD	CA UST	Higher	1256, 0.238, NW
41	MACARTHUR SQUARE CLE	1701 H CORINTHIAN WA	RCRA-SQG, FINDS, CA EMI, CA HAZNET, ECHO	Lower	1287, 0.244, WNW
M42	HYOGO ATRIUM INC.	19100-200 VAN KARMAN	CA SLIC	Lower	1511, 0.286, NNE
M43	THE ATRIUM	19100-19200 VON KARM	CA SLIC	Lower	1511, 0.286, NNE
44	KOLL CTR NEWPORT #10	4000 MACARTHUR BL	CA LUST, CA EMI, CA HIST CORTESE	Higher	1620, 0.307, SSW
45	BEACON BAY AUTO WASH	4200 BIRCH ST	CA LUST, CA HIST UST, CA FID UST, CA HIST CORTESE	Lower	1772, 0.336, WNW
46	AVIS RENT-A-CAR	4101	CA HIST CORTESE	Lower	1785, 0.338, West
47	TEXACO	4678 CAMPUS	CA LUST, CA HIST CORTESE	Lower	2073, 0.393, NNW
N48	PRUDENTIAL (FORMER B	19000	CA LUST, CA HIST CORTESE	Higher	2293, 0.434, ENE
49	EDLER INDUSTRIES INC	2101 DOVE ST	RCRA-SQG, CA LUST, CA UST, CA Orange Co....	Lower	2300, 0.436, WNW
N50	IRVINE FACILITY	19000 JAMBOREE BLVD	CA LUST, CA HIST UST, CA Orange Co. Industrial...	Higher	2341, 0.443, ENE
O51	TALLMANTZ-COUNTY OF	19711 AIRPORT S	CA LUST, CA UST, CA HIST UST, CA HIST CORTESE	Lower	2353, 0.446, NW
P52	SIGNATURE FLIGHT SUP	19301 CAMPUS DR	RCRA-SQG, CA LUST, CA SWEEPS UST, CA HIST UST, CA...	Lower	2369, 0.449, NW
P53	MARTIN AVIATION, L.P	19301 CAMPUS DR	CA LUST, CA EMI, CA HIST CORTESE	Lower	2369, 0.449, NW
O54	MARTIN AVIATION INC.	19801 AIRPORT WAY SO	CA EMI, CA Notify 65	Lower	2402, 0.455, NW
O55	PAN WESTERN - COUNTY	19711 S AIRPORT WAY	CA LUST, CA SWEEPS UST, CA FID UST	Lower	2415, 0.457, NW
Q56	MALLINCKRODT MEDICAL	18691 JAMBOREE RD	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, US INST...	Lower	2473, 0.468, NE
Q57	XEROX CORPORATION IR	18691 JAMBOREE BLVD	CA ENVIROSTOR, CA SLIC, CA DEED, CA Cortese, CA...	Lower	2473, 0.468, NE
Q58	MALLINCKRODT MEDICAL	18691 JAMBOREE RD	FINDS, CA HWP, ECHO	Lower	2473, 0.468, NE
Q59	XEROX CORPORATION	18691 JAMBOREE ROAD	CA SLIC	Lower	2473, 0.468, NE
60	MARTIN AVIATION (FUE	19331 S AIRPORT WAY	CA LUST	Lower	2495, 0.473, NNW
O61	AMERICAN AIR CENTER	19461 AIRPORT WAY	CA LUST	Lower	2542, 0.481, NNW
O62	AMERICAN AIR CENTER	19461 S AIRPORT WAY	CA LUST	Lower	2542, 0.481, NNW
O63	OR CO FIRE STN #27 (	19459 S AIRPORT WAY	CA LUST, CA SWEEPS UST, CA FID UST	Lower	2543, 0.482, NNW
64	WESTERLY PLACE	1500 QUAIL	CA LUST, CA EMI, CA HIST CORTESE	Higher	2627, 0.498, WSW
65	FLETCHER JONES MANAG	1301 QUAIL ST	CA LUST, CA UST, CA HIST UST, CA FID UST, RCRA...	Lower	2630, 0.498, SW
66	ELEXSYS INTERNATIONA	18522 VON KARMAN AV	CA ENVIROSTOR, CA SLIC, CA HIST UST, CA Orange Co....	Lower	3400, 0.644, NNE
67	ORANGE COUNTY AIRPOR		CA ENVIROSTOR	Higher	3721, 0.705, NW
R68	AUDIO MAGNETICS	2602 MICHELSON DR	CA RESPONSE, CA ENVIROSTOR, CA LUST	Lower	3989, 0.755, NE
R69	AUDIO MAGNETICS	2602 MICHELSON DR	RCRA-SQG, CA HIST Cal-Sites, FINDS, ECHO	Lower	3989, 0.755, NE
S70	SIGMA CIRCUITS INC	2970 AIRWAY	SEMS-ARCHIVE, RCRA-SQG, CA ENVIROSTOR, CA SLIC, CA...	Higher	4783, 0.906, WNW
S71	SIGMA CIRCUITS, INC.	2970 AIRWAY AVENUE	CA ENVIROSTOR	Higher	4783, 0.906, WNW
S72	ALLIED SIGNAL SUBSTR	2955 AIRWAY AVENUE	CA ENVIROSTOR, CA EMI	Higher	4873, 0.923, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

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

Federal CERCLIS list

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

Federal 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

Federal ERNS list

ERNS ---------- Emergency Response Notification System

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

CA 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

CA AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

CA VCP ---------- Voluntary Cleanup Program Properties
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

CA BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

CA WMUDS/SWAT ---------- Waste Management Unit Database
CA SWRCY ---------- Recycler Database
CA 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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
CA SCH ---------- School Property Evaluation Program
CA CDL ---------- Clandestine Drug Labs
CA Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register

Local Land Records

CA LIENS ---------- Environmental Liens Listing
LIENS 2 ---------- CERCLA Lien Information

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS ---------- Formerly Used Defense Sites
DOD ---------- Department of Defense Sites
SCRD DRYCLEANERS ---------- State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST ---------- EPA WATCH LIST

2020 COR ACTION - 2020 Corrective Action Program List
TSCA - Toxic Substances Control Act
TRIS - Toxic Chemical Release Inventory System
SSTS - Section 7 Tracking Systems
ROD - Records Of Decision
RMP - Risk Management Plans
RAATS - RCRA Administrative Action Tracking System
PRP - Potentially Responsible Parties
PADS - PCB Activity Database System
FTTS - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS - Material Licensing Tracking System
COAL ASH DOE - Steam-Electric Plant Operation Data
COAL ASH EPA - Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER - PCB Transformer Registration Database
RADINFO - Radiation Information Database
HIST FTTS - FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS - Incident and Accident Data
CONSENT - Superfund (CERCLA) Consent Decrees
INDIAN RESERV - Indian Reservations
FUSRAP - Formerly Utilized Sites Remedial Action Program
UMTRA - Uranium Mill Tailings Sites
LEAD SMELTERS - Lead Smelter Sites
US AIRS - Aerometric Information Retrieval System Facility Subsystem
US MINES - Mines Master Index File
DOCKET HWC - Hazardous Waste Compliance Docket Listing
UXO - Unexploded Ordnance Sites
CA BOND EXP. PLAN - Bond Expenditure Plan
CA CUPA Listings - CUPA Resources List
CA HWT - Registered Hazardous Waste Transporter Database
CA MINES - Mines Site Location Listing
CA MWMP - Medical Waste Management Program Listing
CA PEST LIC - Pesticide Regulation Licenses Listing
CA PROC - Certified Processors Database
CA UIC - UIC Listing
CA WASTEWATER PITS - Oil Wastewater Pits Listing
CA WIP - Well Investigation Program Case List
FUELS PROGRAM - EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner - EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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 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 03/07/2016 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACCUPATH DIAGNOSTIC	***2601 CAMPUS DRIVE***	***NE 1/8 - 1/4 (0.187 mi.)***	***G28***	***103***
MALLINCKRODT MEDICAL	***18691 JAMBOREE RD***	***NE 1/4 - 1/2 (0.468 mi.)***	***Q56***	***189***

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 06/27/2016 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACCUPATH DIAGNOSTIC	***2601 CAMPUS DRIVE***	***NE 1/8 - 1/4 (0.187 mi.)***	***G28***	***103***
MALLINCKRODT MEDICAL	***18691 JAMBOREE RD***	***NE 1/4 - 1/2 (0.468 mi.)***	***Q56***	***189***

EXECUTIVE SUMMARY

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 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 06/21/2016 has revealed that there are 2 RCRA-TSDF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACCUPATH DIAGNOSTIC	***2601 CAMPUS DRIVE***	***NE 1/8 - 1/4 (0.187 mi.)***	***G28***	***103***
MALLINCKRODT MEDICAL	***18691 JAMBOREE RD***	***NE 1/4 - 1/2 (0.468 mi.)***	***Q56***	***189***

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 06/21/2016 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEWPORT FAB, LLC (DB	***4321 JAMBOREE ROAD***	***SSE 1/8 - 1/4 (0.135 mi.)***	***19***	***58***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONEXANT SYSTEMS, IN	***4000 MACARTHUR BLVD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***E17***	***43***
ACCUPATH DIAGNOSTIC	***2601 CAMPUS DRIVE***	***NE 1/8 - 1/4 (0.187 mi.)***	***G28***	***103***

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 06/21/2016 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KOLL CO KCN 4 THE	***4910 BIRCH ST***	***NNW 0 - 1/8 (0.014 mi.)***	***A2***	***8***
EMERALD CLEANERS	***4341 MCARTHUR BLVD***	***WNW 1/8 - 1/4 (0.162 mi.)***	***20***	***81***
ORANGE COUNTY BUSINE	***4590 MACARTHUR BLVD***	***NW 1/8 - 1/4 (0.208 mi.)***	***J35***	***122***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HOTEL MERIDIAN	4500 MACARTHUR BLVD	NW 0 - 1/8 (0.096 mi.)	D13	19

Lower Elevation	Address	Direction / Distance	Map ID	Page
ICN BIOMEDICALS INC	*2727 CAMPUS DR*	*NE 1/8 - 1/4 (0.190 mi.)*	*G29*	*115*
MACARTHUR SQUARE CLE	*1701 H CORINTHIAN WA*	*WNW 1/8 - 1/4 (0.244 mi.)*	*41*	*127*

Federal institutional controls / engineering controls registries

US INST CONTROL: 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.

A review of the US INST CONTROL list, as provided by EDR, and dated 05/09/2016 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MALLINCKRODT MEDICAL	*18691 JAMBOREE RD*	*NE 1/4 - 1/2 (0.468 mi.)*	*Q56*	*189*

State- and tribal - equivalent NPL

CA 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 CA RESPONSE list, as provided by EDR, has revealed that there is 1 CA RESPONSE site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AUDIO MAGNETICS	*2602 MICHELSON DR*	*NE 1/2 - 1 (0.755 mi.)*	*R68*	*237*

Database: RESPONSE, Date of Government Version: 08/01/2016
Status: Certified
Facility Id: 30350014

State- and tribal - equivalent CERCLIS

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

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 08/01/2016 has revealed that there are 9 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ORANGE COUNTY AIRPOR Facility Id: 80000829 Status: Inactive - Needs Evaluation		NW 1/2 - 1 (0.705 mi.)	67	236
SIGMA CIRCUITS INC Facility Id: 30280370 Status: Refer: Other Agency	***2970 AIRWAY***	***WNW 1/2 - 1 (0.906 mi.)***	***S70***	***244***
SIGMA CIRCUITS, INC. Facility Id: 71002902 Status: No Action Required	2970 AIRWAY AVENUE	WNW 1/2 - 1 (0.906 mi.)	S71	253
ALLIED SIGNAL SUBSTR Facility Id: 71002508 Status: Refer: Other Agency	***2955 AIRWAY AVENUE***	***WNW 1/2 - 1 (0.923 mi.)***	***S72***	***254***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONEXANT SYSTEMS, IN Facility Id: 71002212 Status: Inactive - Needs Evaluation	***4311 JAMBOREE RD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***E16***	***24***
ACCUPATH DIAGNOSTIC Facility Id: 80001725 Status: No Action Required	2601 CAMPUS DR	NE 1/8 - 1/4 (0.187 mi.)	G27	101
XEROX CORPORATION IR Facility Id: 80001430 Status: Active	***18691 JAMBOREE BLVD***	***NE 1/4 - 1/2 (0.468 mi.)***	***Q57***	***201***
ELEXSYS INTERNATIONA Facility Id: 71002203 Status: Inactive - Needs Evaluation	***18522 VON KARMAN AV***	***NNE 1/2 - 1 (0.644 mi.)***	***66***	***231***
AUDIO MAGNETICS Facility Id: 30350014 Status: Certified	***2602 MICHELSON DR***	***NE 1/2 - 1 (0.755 mi.)***	***R68***	***237***

State and tribal leaking storage tank lists

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

A review of the CA LUST list, as provided by EDR, has revealed that there are 24 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KOLL CENTER NEWPORT Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016 Database: LUST, Date of Government Version: 09/12/2016 Facility Status: Case Closed Global Id: T0605901712	***4910 BIRCH ST***	***NNW 0 - 1/8 (0.014 mi.)***	***A3***	***11***

Global ID: T0605901712
Status: Completed - Case Closed
Facility Id: 93UT076

U C I - FLEET SERVIC | 19182 JAMBOREE RD | E 1/8 - 1/4 (0.170 mi.) | F22 | 85
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Remediation Plan
Global Id: T0605901891
Global ID: T0605901891
Status: Completed - Case Closed
Facility Id: 95UT056

KOLL CTR NEWPORT #10 | ***4000 MACARTHUR BL*** | ***SSW 1/4 - 1/2 (0.307 mi.)*** | ***44*** | ***133***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Case Closed
Global Id: T0605901227
Global ID: T0605901227
Status: Completed - Case Closed
Facility Id: 91UT044

PRUDENTIAL (FORMER B | ***19000*** | ***ENE 1/4 - 1/2 (0.434 mi.)*** | ***N48*** | ***146***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Post remedial action monitoring
Global ID: T0605901027

IRVINE FACILITY | ***19000 JAMBOREE BLVD*** | ***ENE 1/4 - 1/2 (0.443 mi.)*** | ***N50*** | ***153***
Database: LUST, Date of Government Version: 09/12/2016
Global Id: T0605901027
Status: Open - Verification Monitoring

WESTERLY PLACE | ***1500 QUAIL*** | ***WSW 1/4 - 1/2 (0.498 mi.)*** | ***64*** | ***221***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Case Closed
Global Id: T0605901921
Global ID: T0605901921
Status: Completed - Case Closed
Facility Id: 95UT075

Lower Elevation	Address	Direction / Distance	Map ID	Page

SANWA BANK BLDG. KCN | ***4400 MACARTHUR*** | ***WNW 0 - 1/8 (0.087 mi.)*** | ***C12*** | ***16***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Case Closed
Global Id: T0605901226
Global ID: T0605901226
Status: Completed - Case Closed
Facility Id: 91UT045

CONEXANT SYSTEMS, IN | ***4311 JAMBOREE RD*** | ***SSW 1/8 - 1/4 (0.131 mi.)*** | ***E16*** | ***24***
Database: LUST, Date of Government Version: 09/12/2016
Global Id: T0605900822

Status: Open - Remediation

ROCKWELL INTERNATION ***4311 JAMBOREE RD*** ***SSW 1/8 - 1/4 (0.131 mi.)*** ***E18*** ***56***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Remediation Plan
Global ID: T0605900822

ACCUPATH DIAGNOSTIC ***2601 CAMPUS DR*** ***NE 1/8 - 1/4 (0.187 mi.)*** ***G26*** ***95***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Case Closed
Global Id: T0605979627
Global ID: T0605979627
Status: Completed - Case Closed
Facility Id: 84UT028

AMERICAN DATA INDUST ***2465 CAMPUS DR*** ***NNE 1/8 - 1/4 (0.207 mi.)*** ***I31*** ***118***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Case Closed
Global Id: T0605901231
Global ID: T0605901231
Status: Completed - Case Closed
Facility Id: 90UT200

VNT PARTNERSHIP ***2361 CAMPUS DR*** ***N 1/8 - 1/4 (0.227 mi.)*** ***K36*** ***123***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Case Closed
Global Id: T0605900351
Global ID: T0605900351
Status: Completed - Case Closed
Facility Id: 86UT239

BEACON BAY AUTO WASH ***4200 BIRCH ST*** ***WNW 1/4 - 1/2 (0.336 mi.)*** ***45*** ***137***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Remedial action (cleanup) Underway
Global Id: T0605901107
Global ID: T0605901107
Status: Completed - Case Closed
Facility Id: 90UT084

TEXACO ***4678 CAMPUS*** ***NNW 1/4 - 1/2 (0.393 mi.)*** ***47*** ***143***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Case Closed
Global Id: T0605900321
Global ID: T0605900321
Status: Completed - Case Closed
Facility Id: 85UT098

EDLER INDUSTRIES INC ***2101 DOVE ST*** ***WNW 1/4 - 1/2 (0.436 mi.)*** ***49*** ***147***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016

Facility Status: Case Closed
Global Id: T0605901228
Global ID: T0605901228
Status: Completed - Case Closed
Facility Id: 90UT196

TALLMANTZ-COUNTY OF ***19711 AIRPORT S*** ***NW 1/4 - 1/2 (0.446 mi.)*** ***O51*** ***169***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0605900452

SIGNATURE FLIGHT SUP ***19301 CAMPUS DR*** ***NW 1/4 - 1/2 (0.449 mi.)*** ***P52*** ***172***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Pollution Characterization
Global Id: T0605902296
Global ID: T0605900160
Status: Open - Remediation

MARTIN AVIATION, L.P ***19301 CAMPUS DR*** ***NW 1/4 - 1/2 (0.449 mi.)*** ***P53*** ***184***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Preliminary site assessment underway
Global ID: T0605902296

PAN WESTERN - COUNTY ***19711 S AIRPORT WAY*** ***NW 1/4 - 1/2 (0.457 mi.)*** ***O55*** ***186***
Database: LUST, Date of Government Version: 09/12/2016
Global Id: T0605900452
Status: Completed - Case Closed

MARTIN AVIATION (FUE 19331 S AIRPORT WAY NNW 1/4 - 1/2 (0.473 mi.) 60 213
Database: LUST, Date of Government Version: 09/12/2016
Global Id: T0605900160
Status: Open - Verification Monitoring

AMERICAN AIR CENTER 19461 AIRPORT WAY NNW 1/4 - 1/2 (0.481 mi.) O61 216
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0605900159

AMERICAN AIR CENTER 19461 S AIRPORT WAY NNW 1/4 - 1/2 (0.481 mi.) O62 217
Database: LUST, Date of Government Version: 09/12/2016
Global Id: T0605900159
Status: Completed - Case Closed

OR CO FIRE STN #27 (***19459 S AIRPORT WAY*** ***NNW 1/4 - 1/2 (0.482 mi.)*** ***O63*** ***219***
Database: LUST, Date of Government Version: 09/12/2016
Global Id: T0605900436
Status: Completed - Case Closed

FLETCHER JONES MANAG ***1301 QUAIL ST*** ***SW 1/4 - 1/2 (0.498 mi.)*** ***65*** ***224***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 08/03/2016
Database: LUST, Date of Government Version: 09/12/2016
Facility Status: Case Closed
Global Id: T0605902241
Global ID: T0605902241
Status: Completed - Case Closed
Facility Id: 98UT089

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, has revealed that there are 4 CA SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HYOGO ATRIUM INC. Database: SLIC REG 8, Date of Government Version: 04/03/2008 Facility Status: Post-Investigation/Remediation Monitoring	19100-200 VAN KARMAN	NNE 1/4 - 1/2 (0.286 mi.)	M42	131
THE ATRIUM Database: SLIC, Date of Government Version: 09/12/2016 Facility Status: Completed - Case Closed Global Id: SL208483903	19100-19200 VON KARM	NNE 1/4 - 1/2 (0.286 mi.)	M43	131
XEROX CORPORATION IR Database: SLIC, Date of Government Version: 09/12/2016 Facility Status: Open - Remediation Global Id: SL208033858	***18691 JAMBOREE BLVD***	***NE 1/4 - 1/2 (0.468 mi.)***	***Q57***	***201***
XEROX CORPORATION Database: SLIC REG 8, Date of Government Version: 04/03/2008 Facility Status: Post-Investigation/Remediation Monitoring	18691 JAMBOREE ROAD	NE 1/4 - 1/2 (0.468 mi.)	Q59	212

State and tribal registered storage tank lists

CA 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 CA UST list, as provided by EDR, has revealed that there are 10 CA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KOLL CENTER NEWPORT Database: UST, Date of Government Version: 09/12/2016 Facility Id: 5812	***4910 BIRCH ST***	***NNW 0 - 1/8 (0.014 mi.)***	***A1***	***8***
KOLL CENTER NEWPORT Database: UST, Date of Government Version: 09/12/2016 Facility Id: 9108	5000 BIRCH ST	NNE 0 - 1/8 (0.033 mi.)	B6	15
U C I - FLEET SERVIC Database: UST, Date of Government Version: 09/12/2016 Facility Id: 7014	19182 JAMBOREE	E 1/8 - 1/4 (0.170 mi.)	F21	85
KOLL CENTER NEWPORT Database: UST, Date of Government Version: 09/12/2016 Facility Id: 6885	4590 MACARTHUR BLVD	NW 1/8 - 1/4 (0.208 mi.)	J33	121
SHERATON HOTEL NEWPO Database: UST, Date of Government Version: 09/12/2016 Facility Id: 7057	4545 MACARTHUR BLVD	NW 1/8 - 1/4 (0.238 mi.)	L40	127

Lower Elevation	Address	Direction / Distance	Map ID	Page
KOLL CENTER NEWPORT Database: UST, Date of Government Version: 09/12/2016	4400 MACARTHUR BLVD	WNW 0 - 1/8 (0.087 mi.)	C11	16

Facility Id: 6886

THE SUTTON PLACE HOT	***4500 MACARTHUR BLVD***	***NW 0 - 1/8 (0.096 mi.)***	***D15***	***21***
Database: UST, Date of Government Version: 09/12/2016				
Database: ORANGE CO. UST, Date of Government Version: 08/01/2016				
Facility Id: 7058				
Facility Id: FA0046306				
CONEXANT SYSTEMS, IN	***4000 MACARTHUR BLVD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***E17***	***43***
AMERICAN DATA	2465 CAMPUS DR	NNE 1/8 - 1/4 (0.207 mi.)	I32	121
Database: UST, Date of Government Version: 09/12/2016				
Facility Id: 4144				
C N T PARTNERSHIP	2361 CAMPUS DR	N 1/8 - 1/4 (0.227 mi.)	K37	126
Database: UST, Date of Government Version: 09/12/2016				
Facility Id: 8587				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CA 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 CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 CA HIST Cal-Sites site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AUDIO MAGNETICS	***2602 MICHELSON DR***	***NE 1/2 - 1 (0.755 mi.)***	***R69***	***241***

Local Lists of Registered Storage Tanks

CA 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 CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 6 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KOLL CENTER NEWPORT	***4910 BIRCH ST***	***NNW 0 - 1/8 (0.014 mi.)***	***A1***	***8***
Status: A				
Tank Status: A				
Comp Number: 5812				
U C I	***19182 JAMBOREE RD***	***E 1/8 - 1/4 (0.170 mi.)***	***F23***	***89***
Status: A				
Tank Status: A				
Comp Number: 7014				
KOLL CENTER NEWPORT	***4590 MAC ARTHUR***	***NW 1/8 - 1/4 (0.208 mi.)***	***J34***	***121***

Status: A
Tank Status: A
Comp Number: 6885

SHERATON HOTEL NEWPO	***4545 MAC ARTHUR BLVD***	***NW 1/8 - 1/4 (0.238 mi.)***	***L39***	***126***

Status: A
Tank Status: A
Comp Number: 7057

Lower Elevation	Address	Direction / Distance	Map ID	Page
MERIDIEN HOTEL	***4500 MAC ARTHUR BLVD***	***NW 0 - 1/8 (0.096 mi.)***	***D14***	***20***

Status: A
Tank Status: A
Comp Number: 7058

ROCKWELL INTERNATION	***4311 JAMBOREE RD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***E18***	***56***

Status: A
Tank Status: A
Comp Number: 4849

CA HIST UST: Historical UST Registered Database.

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACCUPATH DIAGNOSTIC	***2601 CAMPUS DR***	***NE 1/8 - 1/4 (0.187 mi.)***	***G26***	***95***
AMERICAN DATA INDUST	***2465 CAMPUS DR***	***NNE 1/8 - 1/4 (0.207 mi.)***	***I31***	***118***

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KOLL CENTER NEWPORT	***4910 BIRCH ST***	***NNW 0 - 1/8 (0.014 mi.)***	***A3***	***11***

Facility Id: 30017513
Status: A

U C I	***19182 JAMBOREE RD***	***E 1/8 - 1/4 (0.170 mi.)***	***F23***	***89***

Facility Id: 30017570
Status: A

KOLL CENTER NEWPORT	***4590 MAC ARTHUR***	***NW 1/8 - 1/4 (0.208 mi.)***	***J34***	***121***

Facility Id: 30017563
Status: A

SHERATON HOTEL NEWPO	***4545 MAC ARTHUR BLVD***	***NW 1/8 - 1/4 (0.238 mi.)***	***L39***	***126***

Facility Id: 30017572
Status: A

Lower Elevation	Address	Direction / Distance	Map ID	Page
MERIDIEN HOTEL	***4500 MAC ARTHUR BLVD***	***NW 0 - 1/8 (0.096 mi.)***	***D14***	***20***

Facility Id: 30017573
Status: A

ROCKWELL INTERNATION	***4311 JAMBOREE RD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***E18***	***56***

Facility Id: 30000009
Status: A

Local Land Records

CA DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the CA DEED list, as provided by EDR, and dated 09/06/2016 has revealed that there is 1 CA DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
XEROX CORPORATION IR	***18691 JAMBOREE BLVD***	***NE 1/4 - 1/2 (0.468 mi.)***	***Q57***	***201***

Status: ACTIVE
Envirostor ID: 80001430

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 06/21/2016 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
APPLIED CIRCUIT SOLU	***2649 CAMPUS DR***	***NE 1/8 - 1/4 (0.179 mi.)***	***G25***	***92***
BECKMAN INSTRUMENTS	***92800 CAMPUS DR / JA***	***ENE 1/8 - 1/4 (0.195 mi.)***	***H30***	***116***

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 06/27/2016 has revealed that there is 1 CA Cortese site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
XEROX CORPORATION IR	***18691 JAMBOREE BLVD***	***NE 1/4 - 1/2 (0.468 mi.)***	***Q57***	***201***

CA DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CA DRYCLEANERS list, as provided by EDR, and dated 06/02/2016 has revealed that there is 1 CA DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EMERALD CLEANERS EPA Id: CAR000013268	***4341 MCARTHUR BLVD***	***WNW 1/8 - 1/4 (0.162 mi.)***	***20***	***81***

CA 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 CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 19 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KOLL CENTER NEWPORT Reg Id: 083002383T	***4910 BIRCH ST***	***NNW 0 - 1/8 (0.014 mi.)***	***A3***	***11***
U C I Reg Id: 083002742T	***19182 JAMBOREE RD***	***E 1/8 - 1/4 (0.170 mi.)***	***F23***	***89***
U C IRVINE MEDICAL C Reg Id: 083001007T	19172	E 1/8 - 1/4 (0.171 mi.)	F24	92
KOLL CTR NEWPORT #10 Reg Id: 083001619T	***4000 MACARTHUR BL***	***SSW 1/4 - 1/2 (0.307 mi.)***	***44***	***133***
PRUDENTIAL (FORMER B Reg Id: 083001354T	***19000***	***ENE 1/4 - 1/2 (0.434 mi.)***	***N48***	***146***
WESTERLY PLACE Reg Id: 083002788T	***1500 QUAIL***	***WSW 1/4 - 1/2 (0.498 mi.)***	***64***	***221***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SANWA BANK BLDG. KCN Reg Id: 083001618T	***4400 MACARTHUR***	***WNW 0 - 1/8 (0.087 mi.)***	***C12***	***16***
ROCKWELL INTERNATION Reg Id: 083001040T	***4311 JAMBOREE RD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***E18***	***56***
AMERICAN DATA INDUST Reg Id: 083001623T	***2465 CAMPUS DR***	***NNE 1/8 - 1/4 (0.207 mi.)***	***I31***	***118***
VNT PARTNERSHIP Reg Id: 083000439T	***2361 CAMPUS DR***	***N 1/8 - 1/4 (0.227 mi.)***	***K36***	***123***
GW GLEANUP-IRVINE, C Reg Id: 8 302540001	CAMPUS & JAMBOREE	ENE 1/8 - 1/4 (0.233 mi.)	H38	126
BEACON BAY AUTO WASH Reg Id: 083001459T	***4200 BIRCH ST***	***WNW 1/4 - 1/2 (0.336 mi.)***	***45***	***137***
AVIS RENT-A-CAR Reg Id: 083002802T	4101	W 1/4 - 1/2 (0.338 mi.)	46	143
TEXACO	***4678 CAMPUS***	***NNW 1/4 - 1/2 (0.393 mi.)***	***47***	***143***

Reg Id: 083000403T				
EDLER INDUSTRIES INC	***2101 DOVE ST***	***WNW 1/4 - 1/2 (0.436 mi.)***	***49***	***147***
Reg Id: 083001620T				
TALLMANTZ-COUNTY OF	***19711 AIRPORT S***	***NW 1/4 - 1/2 (0.446 mi.)***	***O51***	***169***
Reg Id: 083000566T				
Reg Id: 083001699T				
SIGNATURE FLIGHT SUP	***19301 CAMPUS DR***	***NW 1/4 - 1/2 (0.449 mi.)***	***P52***	***172***
Reg Id: 083000210T				
MARTIN AVIATION, L.P	***19301 CAMPUS DR***	***NW 1/4 - 1/2 (0.449 mi.)***	***P53***	***184***
Reg Id: 083003488T				
XEROX CORPORATION IR	***18691 JAMBOREE BLVD***	***NE 1/4 - 1/2 (0.468 mi.)***	***Q57***	***201***
Reg Id: 8 302521001				

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

A review of the CA HWP list, as provided by EDR, and dated 08/22/2016 has revealed that there are 2 CA HWP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACCUPATH DIAGNOSTIC	***2601 CAMPUS DR***	***NE 1/8 - 1/4 (0.187 mi.)***	***G26***	***95***
EPA Id: CAD096882147				
Cleanup Status: CLOSED				
MALLINCKRODT MEDICAL	***18691 JAMBOREE RD***	***NE 1/4 - 1/2 (0.468 mi.)***	***Q58***	***211***
EPA Id: CAD058231598				
Cleanup Status: CLOSED				

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 08/01/2016 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONEXANT SYSTEMS, IN	***4000 MACARTHUR BLVD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***E17***	***43***
EPA ID: CAD008371437				

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

A review of the CA Notify 65 list, as provided by EDR, and dated 09/10/2015 has revealed that there is 1 CA Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MARTIN AVIATION INC.	***19801 AIRPORT WAY SO***	***NW 1/4 - 1/2 (0.455 mi.)***	***O54***	***185***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: 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.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	5000 BIRCH ST	NNE 0 - 1/8 (0.033 mi.)	B5	14
Not reported	4911 BIRCH ST	N 0 - 1/8 (0.059 mi.)	8	15
Not reported	4621 TELLER AVE	NNE 0 - 1/8 (0.073 mi.)	9	15

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	4440 VON KARMAN AVE	NNW 0 - 1/8 (0.014 mi.)	A4	14
Not reported	4343 VON KARMAN AVE	WNW 0 - 1/8 (0.047 mi.)	7	15
Not reported	4400 MACARTHUR BLVD	WNW 0 - 1/8 (0.087 mi.)	C10	16

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name	Database(s)
UNOCAL #5600	CA LUST, CA HIST CORTESE CA CDL CA CDL

OVERVIEW MAP - 4759232.2S



- 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
- 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:	SHO-72189.1	CLIENT:	EEI, Inc.
ADDRESS:	SE of Birch Street/Von Karman Avenue Newport Beach CA 92660	CONTACT:	Ryan Merkey
LAT/LONG:	33.664117 / 117.859608	INQUIRY #:	4759232.2s
		DATE:	October 20, 2016 2:55 pm

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DETAIL MAP - 4759232.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

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:	SHO-72189.1	CLIENT:	EEI, Inc.
ADDRESS:	SE of Birch Street/Von Karman Avenue Newport Beach CA 92660	CONTACT:	Ryan Merkey
LAT/LONG:	33.664117 / 117.859608	INQUIRY #:	4759232.2s
		DATE:	October 20, 2016 2:56 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	1	1	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	1	1	0	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	1	1	NR	NR	2
Federal RCRA generators list								
RCRA-LQG	0.250		0	3	NR	NR	NR	3
RCRA-SQG	0.250		2	4	NR	NR	NR	6
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	1	NR	NR	1
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
CA RESPONSE	1.000		0	0	0	1	NR	1
State- and tribal - equivalent CERCLIS								
CA ENVIROSTOR	1.000		0	2	1	6	NR	9
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
CA LUST	0.500		2	6	16	NR	NR	24

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
CA SLIC	0.500		0	0	4	NR	NR	4
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		4	6	NR	NR	NR	10
CA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CA 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								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	1	NR	1
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	0.001		0	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250		2	4	NR	NR	NR	6
CA HIST UST	0.250		0	2	NR	NR	NR	2
CA FID UST	0.250		2	4	NR	NR	NR	6
Local Land Records								
CA LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
CA DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA CHMIRS	0.001		0	NR	NR	NR	NR	0
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA Orange Co. Industrial Site	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA Cortese	0.500		0	0	1	NR	NR	1
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA DRYCLEANERS	0.250		0	1	NR	NR	NR	1
CA EMI	0.001		0	NR	NR	NR	NR	0
CA ENF	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001		0	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		2	6	11	NR	NR	19
CA HWP	1.000		0	1	1	0	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA HWT	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	1	NR	NR	NR	1
CA MINES	0.001		0	NR	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA PEST LIC	0.001		0	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	1	0	NR	1
CA UIC	0.001		0	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	0.001		0	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA ICE	TP		NR	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		6	NR	NR	NR	NR	6
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	0.001		0	NR	NR	NR	NR	0
CA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	20	45	40	8	0	113

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
NNW
< 1/8
0.014 mi.
73 ft.

KOLL CENTER NEWPORT #4
4910 BIRCH ST
NEWPORT BEACH, CA 92660

CA UST **U003940293**
CA SWEEPS UST **N/A**

Site 1 of 4 in cluster A

Relative:
Higher

Actual:
51 ft.

UST:

Facility ID:	5812
Permitting Agency:	ORANGE COUNTY
Latitude:	33.667714
Longitude:	-117.859008

SWEEPS UST:

Status:	Active
Comp Number:	5812
Number:	9
Board Of Equalization:	44-016385
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-005812-000001
Tank Status:	A
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

A2
NNW
< 1/8
0.014 mi.
73 ft.

KOLL CO KCN 4 THE
4910 BIRCH ST
NEWPORT BEACH, CA 92660

RCRA-SQG **1001122751**
FINDS **CAR000015842**
CA HAZNET
ECHO

Site 2 of 4 in cluster A

Relative:
Higher

Actual:
51 ft.

RCRA-SQG:

Date form received by agency:	10/24/1996
Facility name:	KOLL CO KCN 4 THE
Facility address:	4910 BIRCH ST NEWPORT BEACH, CA 92660
EPA ID:	CAR000015842
Mailing address:	BIRCH ST STE 1100 NEWPORT BEACH, CA 92660
Contact:	DIANNE HENDERSON
Contact address:	5000 BIRCH ST STE 1100 NEWPORT BEACH, CA 92660
Contact country:	US
Contact telephone:	(714) 476-1604
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

KOLL CO KCN 4 THE (Continued) **1001122751**

Owner/Operator Summary:
- Owner/operator name: KOLL CO THE
- Owner/operator address: 4343 VON KARMAN AVE
  NEWPORT BEACH, CA 92660
- Owner/operator country: Not reported
- Owner/operator telephone: (714) 476-1625
- 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
- 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: 10/24/1996
- Site name: KOLL CO KCN 4 THE
- Classification: Small Quantity Generator

- Violation Status: No violations found

FINDS:

- Registry ID: 110002914561

- 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.

HAZNET:
- envid: 1001122751
- Year: 1998
- GEPAID: CAR000015842
- Contact: KOLL CO THE
- Telephone: 7144761604
- Mailing Name: Not reported
- Mailing Address: 5000 BIRCH ST STE 1100

KOLL CO KCN 4 THE (Continued) **1001122751**

Mailing City,St,Zip:	NEWPORT BEACH, CA 926602138
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Recycler
Tons:	8.7570
Cat Decode:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Decode:	Recycler
Facility County:	Orange

envid:	1001122751
Year:	1997
GEPAID:	CAR000015842
Contact:	KOLL CO THE
Telephone:	7144761604
Mailing Name:	Not reported
Mailing Address:	5000 BIRCH ST STE 1100
Mailing City,St,Zip:	NEWPORT BEACH, CA 926602138
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Not reported
Tons:	1.2510
Cat Decode:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Decode:	Not reported
Facility County:	Orange

envid:	1001122751
Year:	1997
GEPAID:	CAR000015842
Contact:	KOLL CO THE
Telephone:	7144761604
Mailing Name:	Not reported
Mailing Address:	5000 BIRCH ST STE 1100
Mailing City,St,Zip:	NEWPORT BEACH, CA 926602138
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Recycler
Tons:	34.4025
Cat Decode:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Decode:	Recycler
Facility County:	Orange

envid:	1001122751
Year:	1997
GEPAID:	CAR000015842
Contact:	KOLL CO THE
Telephone:	7144761604
Mailing Name:	Not reported
Mailing Address:	5000 BIRCH ST STE 1100
Mailing City,St,Zip:	NEWPORT BEACH, CA 926602138
Gen County:	Not reported
TSD EPA ID:	CAD050806850

KOLL CO KCN 4 THE (Continued) **1001122751**

TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	.1000
Cat Decode:	Other organic solids
Method Decode:	Transfer Station
Facility County:	Orange

envid:	1001122751
Year:	1996
GEPAID:	CAR000015842
Contact:	KOLL CO THE
Telephone:	7144761604
Mailing Name:	Not reported
Mailing Address:	5000 BIRCH ST STE 1100
Mailing City,St,Zip:	NEWPORT BEACH, CA 926602138
Gen County:	Not reported
TSD EPA ID:	CAD050806850
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	3.3712
Cat Decode:	Other organic solids
Method Decode:	Transfer Station
Facility County:	Orange

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

ECHO:

Envid:	1001122751
Registry ID:	110002914561
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002914561

A3 **KOLL CENTER NEWPORT #4** **CA LUST S101589548**
NNW **4910 BIRCH ST** **CA FID UST N/A**
< 1/8 **NEWPORT BEACH, CA 92660** **CA HIST CORTESE**
0.014 mi.
73 ft. **Site 3 of 4 in cluster A**

Relative:
Higher

Actual:
51 ft.

LUST:

Region:	STATE
Global Id:	T0605901712
Latitude:	33.66636
Longitude:	-117.860353
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/04/2002
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083002383T
LOC Case Number:	93UT076
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

KOLL CENTER NEWPORT #4 (Continued) **S101589548**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605901712
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id:	T0605901712
Contact Type:	Regional Board Caseworker
Contact Name:	TOM E. MBEKE-EKANEM
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	tmbeke-ekanem@waterboards.ca.gov
Phone Number:	9513202007

Status History:

Global Id:	T0605901712
Status:	Completed - Case Closed
Status Date:	03/04/2002

Global Id:	T0605901712
Status:	Open - Case Begin Date
Status Date:	10/26/1993

Regulatory Activities:

Global Id:	T0605901712
Action Type:	REMEDIATION
Date:	12/31/1997
Action:	Excavation

Global Id:	T0605901712
Action Type:	REMEDIATION
Date:	12/31/1997
Action:	Other (Use Description Field)

Global Id:	T0605901712
Action Type:	ENFORCEMENT
Date:	12/05/2001
Action:	LOP Case Closure Summary to RB

Global Id:	T0605901712
Action Type:	Other
Date:	10/26/1993
Action:	Leak Discovery

Global Id:	T0605901712
Action Type:	Other
Date:	10/26/1993
Action:	Leak Reported

KOLL CENTER NEWPORT #4 (Continued) **S101589548**

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	93UT076
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	03/04/2002
Record ID:	RO0002792

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083002383T
Local Case Num:	93UT076
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901712
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:	10/26/1993
Enforcement Date:	Not reported
Close Date:	3/4/2002
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:	33.6651853
Longitude:	-117.8576184
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:	TME
Staff Initials:	JK

KOLL CENTER NEWPORT #4 (Continued) **S101589548**

Lead Agency: Local Agency
Local Agency: 30000L
Hydr Basin #: Not reported
Beneficial: MAR
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

CA FID UST:
Facility ID: 30017513
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148330310
Mail To: Not reported
Mailing Address: A CA LIMITED PARTNER
Mailing Address 2: Not reported
Mailing City,St,Zip: NEWPORT BEACH 92660
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083002383T

A4 **EDR Hist Auto** **1015499413**
NNW **4440 VON KARMAN AVE** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.014 mi.
73 ft. **Site 4 of 4 in cluster A**

Relative:
Lower

EDR Historical Auto Stations:
Name: ALLIED LUBE INC
Year: 2012
Address: 4440 VON KARMAN AVE

Actual:
48 ft.

B5 **EDR Hist Auto** **1015523114**
NNE **5000 BIRCH ST** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.033 mi.
176 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

EDR Historical Auto Stations:
Name: PLATINUM AUTOMOTIVE
Year: 2005
Address: 5000 BIRCH ST

Actual:
55 ft.

(Continued) **1015523114**

Name: PLATINUM AUTOMOTIVE
Year: 2010
Address: 5000 BIRCH ST

B6 **KOLL CENTER NEWPORT #11** **CA UST** **U003940292**
NNE **5000 BIRCH ST** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.033 mi.
176 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
55 ft.

UST:
Facility ID: 9108
Permitting Agency: ORANGE COUNTY
Latitude: 33.666495
Longitude: -117.8579935

---

7 **EDR Hist Auto** **1015494528**
WNW **4343 VON KARMAN AVE** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.047 mi.
250 ft.

Relative:
Lower

Actual:
46 ft.

EDR Historical Auto Stations:
Name: MIDATLANTIC LUBES INC
Year: 2010
Address: 4343 VON KARMAN AVE

---

8 **EDR Hist Auto** **1015518019**
North **4911 BIRCH ST** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.059 mi.
311 ft.

Relative:
Higher

Actual:
51 ft.

EDR Historical Auto Stations:
Name: ECONO LUBE NTUNE INC
Year: 2001
Address: 4911 BIRCH ST

Name: ECONO LUBE N TUNE CORP
Year: 2003
Address: 4911 BIRCH ST

---

9 **EDR Hist Auto** **1015507608**
NNE **4621 TELLER AVE** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.073 mi.
383 ft.

Relative:
Higher

Actual:
54 ft.

EDR Historical Auto Stations:
Name: INDUSTRIAL REPAIR INC
Year: 2001
Address: 4621 TELLER AVE

(Continued) **1015507608**

Name: INDUSTRIAL REPAIR INC
Year: 2002
Address: 4621 TELLER AVE

Name: PLATINUM AUTO RECONDITIONING INC
Year: 2006
Address: 4621 TELLER AVE

C10 **EDR Hist Auto** **1015497175**
WNW **4400 MACARTHUR BLVD** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.087 mi.
461 ft. **Site 1 of 3 in cluster C**

Relative:
Lower

Actual:
50 ft.

EDR Historical Auto Stations:
Name: TAYLOR AUTO BODY MANAGEMENT & CONSUL
Year: 2007
Address: 4400 MACARTHUR BLVD

C11 **KOLL CENTER NEWPORT #9** **CA UST** **U003940295**
WNW **4400 MACARTHUR BLVD** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.087 mi.
461 ft. **Site 2 of 3 in cluster C**

Relative:
Lower

Actual:
50 ft.

UST:
Facility ID: 6886
Permitting Agency: ORANGE COUNTY
Latitude: 33.66707
Longitude: -117.861762

C12 **SANWA BANK BLDG. KCN #9** **CA LUST** **S100617338**
WNW **4400 MACARTHUR** **CA HIST CORTESE** **N/A**
< 1/8 **NEWPORT, CA 92660**
0.087 mi.
461 ft. **Site 3 of 3 in cluster C**

Relative:
Lower

Actual:
50 ft.

LUST:
Region: STATE
Global Id: T0605901226
Latitude: 33.665716
Longitude: -117.863107
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/04/1993
Lead Agency: ORANGE COUNTY LOP
Case Worker: DB
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083001618T
LOC Case Number: 91UT045
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

SANWA BANK BLDG. KCN #9 (Continued) **S100617338**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605901226
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id:	T0605901226
Contact Type:	Regional Board Caseworker
Contact Name:	ROSE SCOTT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	rscott@waterboards.ca.gov
Phone Number:	9513206375

Status History:

Global Id:	T0605901226
Status:	Completed - Case Closed
Status Date:	03/04/1993

Global Id:	T0605901226
Status:	Open - Case Begin Date
Status Date:	04/01/1991

Regulatory Activities:

Global Id:	T0605901226
Action Type:	Other
Date:	04/01/1991
Action:	Leak Discovery

Global Id:	T0605901226
Action Type:	Other
Date:	04/01/1991
Action:	Leak Reported

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	91UT045
Released Substance:	Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed:	03/04/1993
Record ID:	RO0001979

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001618T

SANWA BANK BLDG. KCN #9 (Continued) **S100617338**

Local Case Num:	91UT045
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:	T0605901226
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/1/1991
Enforcement Date:	Not reported
Close Date:	3/4/1993
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:	33.6673932
Longitude:	-117.8641506
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001618T

D13
NW
< 1/8
0.096 mi.
508 ft.

HOTEL MERIDIAN — **RCRA-SQG** — **1000203656**
4500 MACARTHUR BLVD — **CAD981635188**
NEWPORT BEACH, CA 92660

Site 1 of 3 in cluster D

Relative:
Lower

Actual:
49 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	HOTEL MERIDIAN
Facility address:	4500 MACARTHUR BLVD NEWPORT BEACH, CA 92660
EPA ID:	CAD981635188
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

Owner/operator name:	MERIDIEA
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
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

HOTEL MERIDIAN (Continued) **1000203656**

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: 12/19/1986
Site name: HOTEL MERIDIAN
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

D14 **MERIDIEN HOTEL** **CA SWEEPS UST** **S101609565**
NW **4500 MAC ARTHUR BLVD** **CA FID UST** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.096 mi.
508 ft. **Site 2 of 3 in cluster D**

Relative:
Lower

Actual:
49 ft.

SWEEPS UST:
Status: Active
Comp Number: 7058
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: 30-000-007058-000001
Tank Status: A
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

CA FID UST:
Facility ID: 30017573
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7144762001
Mail To: Not reported
Mailing Address: 4500 MAC ARTHUR BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: NEWPORT BEACH 92660
Contact: Not reported

MERIDIEN HOTEL (Continued) **S101609565**

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

D15 **THE SUTTON PLACE HOTEL** **CA UST** **1003631135**
NW **4500 MACARTHUR BLVD** **CA EMI** **N/A**
< 1/8 **NEWPORT BEACH, CA 92660**
0.096 mi.
508 ft. **Site 3 of 3 in cluster D**

Relative:
Lower

Actual:
49 ft.

UST:
Facility ID: 7058
Permitting Agency: ORANGE COUNTY
Latitude: 33.668636
Longitude: -117.861121

ORANGE CO. UST:
Facility ID: FA0046306

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	6513
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:	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

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	7011
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:	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

THE SUTTON PLACE HOTEL (Continued) **1003631135**

Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	47089
Air District Name:	SC
SIC Code:	7011
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
Reactive Organic Gases Tons/Yr:	3
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:	47089
Air District Name:	SC
SIC Code:	7011
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:	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:	47089
Air District Name:	SC
SIC Code:	7011
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:	1
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:	47089
Air District Name:	SC
SIC Code:	7011

THE SUTTON PLACE HOTEL (Continued) **1003631135**

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:	1
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:	47089
Air District Name:	SC
SIC Code:	7011
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:	1
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:	47089
Air District Name:	SC
SIC Code:	7011
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:	1
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:	47089
Air District Name:	SC
SIC Code:	7011
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

THE SUTTON PLACE HOTEL (Continued) **1003631135**

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

E16
SSW
1/8-1/4
0.131 mi.
694 ft.

Relative:
Lower

Actual:
50 ft.

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI **CA ENVIROSTOR** **1000273228**
4311 JAMBOREE RD **CA LUST** **N/A**
NEWPORT BEACH, CA 92660 **CA ENF**
CA HAZNET
Site 1 of 3 in cluster E **CA NPDES**
CA WDS

ENVIROSTOR:

Facility ID:	71002212
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:	33.66151
Longitude:	-117.8606
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD008371437
Alias Type:	EPA Identification Number
Alias Name:	110000480097
Alias Type:	EPA (FRS #)
Alias Name:	71002212
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

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

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

LUST:
Region: STATE
Global Id: T0605900822
Latitude: 33.6622804
Longitude: -117.8585994
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 07/16/2010
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Worker: CAB
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083001040T
LOC Case Number: 85UT105
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Alcohols, Other Acid or Corrosive, Toluene, Acetone, * Solvents
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0605900822
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605900822
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

Status History:
Global Id: T0605900822
Status: Open - Case Begin Date
Status Date: 03/16/1987

Global Id: T0605900822
Status: Open - Remediation
Status Date: 11/22/1989

Global Id: T0605900822
Status: Open - Remediation
Status Date: 03/01/2001

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Global Id: T0605900822
Status: Open - Remediation
Status Date: 07/16/2010

Global Id: T0605900822
Status: Open - Site Assessment
Status Date: 10/06/1988

Global Id: T0605900822
Status: Open - Site Assessment
Status Date: 08/23/2007

Regulatory Activities:

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/21/2010
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 06/13/1991
Action: Waste Discharge Requirements

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 07/14/1986
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/24/1992
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 05/31/2001
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 10/08/1990
Action: Staff Letter

Global Id: T0605900822
Action Type: RESPONSE
Date: 05/09/2011
Action: Soil Vapor Intrusion Investigation Workplan

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/07/2011
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/12/2007
Action: Other Workplan

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 11/09/2007
Action: CAP/RAP - Feasibility Study Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 11/19/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605900822
Action Type: RESPONSE
Date: 12/04/2014
Action: Email Correspondence - Regulator Responded

Global Id: T0605900822
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 11/20/2015
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605900822
Action Type: RESPONSE
Date: 02/05/2016
Action: Email Correspondence - Regulator Responded

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/23/2014
Action: Well Installation Workplan - Regulator Responded

Global Id: T0605900822
Action Type: RESPONSE
Date: 03/10/2016
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0605900822
Action Type: REMEDIATION

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Date: 07/01/1991
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605900822
Action Type: RESPONSE
Date: 02/15/2008
Action: Interim Remedial Action Plan

Global Id: T0605900822
Action Type: RESPONSE
Date: 02/15/2008
Action: Other Workplan

Global Id: T0605900822
Action Type: REMEDIATION
Date: 07/29/2008
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2008
Action: Other Workplan

Global Id: T0605900822
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 08/16/2011
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 06/09/2011
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/01/2012
Action: Staff Letter

Global Id: T0605900822
Action Type: RESPONSE
Date: 02/13/2012
Action: Risk Assessment Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2007
Action: Monitoring Report - Quarterly

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Global Id:	T0605900822
Action Type:	RESPONSE
Date:	10/30/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	01/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	01/18/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	04/22/2002
Action:	Waste Discharge Requirements
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	10/06/2004
Action:	Administrative Civil Liabilities Complaint
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	10/27/2004
Action:	Staff Letter
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	10/29/2004
Action:	Amendment to Order
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	10/30/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	11/22/2011
Action:	Meeting
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	12/13/2011
Action:	Verbal Enforcement
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	09/26/2013
Action:	Meeting
Global Id:	T0605900822
Action Type:	ENFORCEMENT

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Date: 06/21/2002
Action: File review

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 05/02/2006
Action: Staff Letter

Global Id: T0605900822
Action Type: RESPONSE
Date: 08/30/2007
Action: Soil and Water Investigation Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/04/2014
Action: Email Correspondence

Global Id: T0605900822
Action Type: Other
Date: 06/07/1985
Action: Leak Stopped

Global Id: T0605900822
Action Type: RESPONSE
Date: 12/12/2008
Action: Pilot Study / Treatability Workplan

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 05/19/2010
Action: Verbal Enforcement

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 05/19/2010
Action: Meeting

Global Id: T0605900822
Action Type: REMEDIATION
Date: 07/12/2010
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605900822
Action Type: REMEDIATION
Date: 10/30/1984
Action: Soil Vapor Extraction (SVE)

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Global Id:	T0605900822
Action Type:	REMEDIATION
Date:	10/01/2012
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0605900822
Action Type:	REMEDIATION
Date:	03/15/2010
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	03/12/2015
Action:	Waste Discharge Requirements
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	09/15/2008
Action:	Pilot Study / Treatability Workplan
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	10/22/2008
Action:	Staff Letter
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	01/14/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	05/23/1986
Action:	Staff Letter
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	09/26/1995
Action:	Staff Letter
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	05/30/2012
Action:	Monitoring Report - Annually
Global Id:	T0605900822
Action Type:	RESPONSE
Date:	05/30/2011
Action:	Monitoring Report - Annually
Global Id:	T0605900822
Action Type:	ENFORCEMENT
Date:	03/05/2008
Action:	Staff Letter
Global Id:	T0605900822
Action Type:	ENFORCEMENT

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Date: 10/04/2004
Action: Waste Discharge Requirements

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 02/05/2008
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 09/28/2005
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 03/27/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 07/30/2002
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/27/2002
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/06/1990
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 08/24/1995
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/15/1996
Action: Waste Discharge Requirements

Global Id: T0605900822
Action Type: REMEDIATION
Date: 06/07/1985
Action: Excavation

Global Id: T0605900822
Action Type: REMEDIATION
Date: 09/30/2001
Action: In Situ Biological Treatment

Global Id: T0605900822
Action Type: REMEDIATION
Date: 12/01/1985
Action: Excavation

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Global Id: T0605900822
Action Type: REMEDIATION
Date: 01/17/1984
Action: Excavation

Global Id: T0605900822
Action Type: REMEDIATION
Date: 06/08/2005
Action: Excavation

Global Id: T0605900822
Action Type: REMEDIATION
Date: 01/01/1998
Action: Excavation

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 03/24/2014
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/03/2004
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/19/1990
Action: Unauthorized Release Form

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 03/14/1985
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 05/02/1991
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 06/03/1996
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 07/18/2013
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 01/26/2005
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Date: 01/18/1984
Action: Unauthorized Release Form

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/11/2013
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 10/10/2014
Action: Meeting

Global Id: T0605900822
Action Type: RESPONSE
Date: 08/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 11/13/2008
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2009
Action: Remedial Progress Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/30/2009
Action: Remedial Progress Report

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/25/2009
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 07/06/2007
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 01/06/2009
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 03/05/2008
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 02/14/1996
Action: Staff Letter

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/16/1996
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/13/1995
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 11/06/1998
Action: Unauthorized Release Form

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 08/18/2015
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 01/23/2014
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 02/13/2014
Action: Meeting

Global Id: T0605900822
Action Type: Other
Date: 01/17/1984
Action: Leak Discovery

Global Id: T0605900822
Action Type: RESPONSE
Date: 11/30/2015
Action: Verbal Communication

Global Id: T0605900822
Action Type: Other
Date: 01/18/1984
Action: Leak Reported

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2009
Action: Soil and Water Investigation Report

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/13/2006
Action: Meeting

Global Id: T0605900822
Action Type: ENFORCEMENT

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Date: 08/14/2008
Action: Verbal Enforcement

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 04/25/1990
Action: Notification - Proposition 65

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 09/05/1995
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 12/19/1990
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 02/27/2008
Action: Staff Letter

Global Id: T0605900822
Action Type: ENFORCEMENT
Date: 07/21/2014
Action: Staff Letter

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/09/2013
Action: Verbal Communication

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/30/2002
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/11/2002
Action: CAP/RAP - Feasibility Study Report

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/11/2002
Action: Other Report / Document

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/30/2003
Action: NPDES / WDR Reports

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/30/2003
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 12/30/2003
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 03/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 12/30/2004
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 12/30/2002
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 04/12/2016
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0605900822
Action Type: RESPONSE
Date: 03/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 06/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Date: 05/13/2016
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 03/30/2003
Action: NPDES / WDR Reports

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/14/2004
Action: Other Report / Document

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 01/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 10/15/2004
Action: Other Report / Document

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900822
Action Type: RESPONSE
Date: 09/14/2004
Action: Other Report / Document

Global Id: T0605900822
Action Type: RESPONSE
Date: 07/30/2004
Action: NPDES / WDR Reports

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

ENF:

Region:	8
Facility Id:	228414
Agency Name:	Conexant Systems 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:	0.3168
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Contaminated soil
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 302679001
Reg Measure Id:	205963
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:	Not reported
Status:	Historical
Status Date:	03/14/2014
Effective Date:	06/07/1991
Expiration/Review Date:	Not reported
Termination Date:	10/29/2008
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

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:	15 - WDRs pending rescission
Direction/Voice:	Passive
Enforcement Id(EID):	253475
Region:	8
Order / Resolution Number:	R8-2004-0087
Enforcement Action Type:	Admin Civil Liability
Effective Date:	10/05/2004
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:	MPC R8-2004-0087 for Conexant Systems Inc
Description:	Discharge violation for 1,4-dioxane and for late reporting
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	1/5/2005
# Of Programs1:	1
Total Assessment Amount:	33000
Initial Assessed Amount:	9000
Liability $ Amount:	9000
Project $ Amount:	0
Liability $ Paid:	9000
Project $ Completed:	0
Total $ Paid/Completed Amount:	33000

HAZNET:

envid:	1000273228
Year:	2013
GEPAID:	CAC002744371
Contact:	KATHY VANCURA
Telephone:	9492019879
Mailing Name:	Not reported
Mailing Address:	4311 JAMBOREE RD STE 150
Mailing City,St,Zip:	NEWPORT BEACH, CA 926603007
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/Reovery (H010-H129) Or (H131-H135)
Tons:	0.018
Cat Decode:	Not reported
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Not reported

NPDES:

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

Region:	8
Regulatory Measure Id:	444429
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30C369470
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/17/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	TSG Parcel 1 LLC
Discharge Address:	2 Park Plaza
Discharge City:	Irvine
Discharge State:	California
Discharge Zip:	92614
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

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

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 30I017119
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:	9494834185
Facility Contact:	ERIC MOSCHET
Agency Name:	NEWPORT FAB LLC
Agency Address:	PO BOX C
Agency City,St,Zip:	NEWPORT BEACH 92660
Agency Contact:	ERIC MOSCHET
Agency Telephone:	9494834185
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

CONEXANT SYSTEMS, INC. (FORMER ROCKWELL INTL SEMI-CONDUCT DI (Continued) **1000273228**

cooling water dischargers or thosewho 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.

E17
SSW
1/8-1/4
0.131 mi.
694 ft.

Relative:
Lower

Actual:
50 ft.

CONEXANT SYSTEMS, INC
4000 MACARTHUR BLVD
NEWPORT BEACH, CA 92660

Site 2 of 3 in cluster E

RCRA-LQG **1000273232**
CA UST **CAD008371437**
FINDS
CA EMI
NY MANIFEST
ECHO

RCRA-LQG:

Date form received by agency:	05/19/2010
Facility name:	CONEXANT SYSTEMS, INC
Facility address:	4000 MACARTHUR BLVD NEWPORT BEACH, CA 92660
EPA ID:	CAD008371437
Mailing address:	MACARTHUR BLVD NEWPORT BEACH, CA 92660
Contact:	NICO N ARMSTRONG
Contact address:	MACARTHUR BLVD NEWPORT BEACH, CA 92660
Contact country:	US
Contact telephone:	(949) 483-4435
Contact email:	NICO.ARMSTRONG@CONEXANT.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:	CONEXANT SYSTEMS, INC
Owner/operator address:	MACARTHUR BLVD NEWPORT BEACH, CA 92660
Owner/operator country:	Not reported
Owner/operator telephone:	(949) 483-4435
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1999
Owner/Op end date:	Not reported
Owner/operator name:	CONEXANT SYSTEMS, INC
Owner/operator address:	Not reported Not reported

CONEXANT SYSTEMS, INC (Continued) **1000273232**

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1999
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CONEXANT SYSTEMS INC
Owner/operator address: P O BOX C MS F04 339
NEWPORT BEACH, CA 92660
Owner/operator country: Not reported
Owner/operator telephone: (949) 483-4882
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
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: 135

. Waste code: 181
. Waste name: 181

. Waste code: 213
. Waste name: 213

. Waste code: 221
. Waste name: 221

. Waste code: 331

CONEXANT SYSTEMS, INC (Continued) **1000273232**

. Waste name: 331

. Waste code: 351
. Waste name: 351

. Waste code: 551
. Waste name: 551

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

. 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.

Historical Generators:
Date form received by agency: 09/10/2008
Site name: CONEXANT SYSTEMS, 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

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

CONEXANT SYSTEMS, INC (Continued) **1000273232**

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.

Date form received by agency: 02/28/2002
Site name: CONEXANT SYSTEMS, INC
Classification: Small Quantity Generator

Date form received by agency: 02/28/2002
Site name: CONEXANT SYSTEMS, 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: D004
. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

CONEXANT SYSTEMS, INC (Continued) **1000273232**

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, 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: 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: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U211
. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

Date form received by agency: 10/12/2000
Site name: CONEXANT SYSTEMS, INC
Classification: Large Quantity Generator

Date form received by agency: 01/19/2000
Site name: CONEXANT SYSTEMS INC
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004

CONEXANT SYSTEMS, INC (Continued) **1000273232**

. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. 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, 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: 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: 03/04/1999
Site name: ROCKWELL SEMICONDUCTOR SYSTEMS
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: CONEXANT SYSTEMS INC
Classification: Large Quantity Generator

Date form received by agency: 03/15/1996
Site name: ROCKWELL SEMICONDUCTOR SYSTEMS
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Site name: ROCKWELL INTL TELECOMM DIV
Classification: Large Quantity Generator

Date form received by agency: 02/26/1992

CONEXANT SYSTEMS, INC (Continued) **1000273232**

Site name: ROCKWELL INTERNATIONAL DIGITAL COMMUNICA
Classification: Large Quantity Generator

Date form received by agency: 04/11/1990
Site name: ROCKWELL INTERNATIONAL CORP
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/14/2010
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/26/1988
Date achieved compliance: 07/25/1994
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

Evaluation Action Summary:
Evaluation date: 06/13/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/19/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/08/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/14/2010

CONEXANT SYSTEMS, INC (Continued) **1000273232**

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

Evaluation date: 05/18/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/03/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/28/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/20/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Evaluation date: 06/28/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/26/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/25/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/26/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/25/1994
Evaluation lead agency: State Contractor/Grantee

UST:
Facility ID: 4849
Permitting Agency: ORANGE COUNTY
Latitude: 33.6626691
Longitude: -117.8594648

CONEXANT SYSTEMS, INC (Continued) **1000273232**

FINDS:

Registry ID: 110064124889

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 WASTE BIENNIAL REPORTER

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	800210
Air District Name:	SC
SIC Code:	3674
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:	66
Reactive Organic Gases Tons/Yr:	64
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:	1990
County Code:	30
Air Basin:	SC
Facility ID:	800210
Air District Name:	SC
SIC Code:	3674
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:	78
Reactive Organic Gases Tons/Yr:	31
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:	1995
County Code:	30
Air Basin:	SC
Facility ID:	800210
Air District Name:	SC
SIC Code:	3674

CONEXANT SYSTEMS, INC (Continued) **1000273232**

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:	27
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	9
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:	800210
Air District Name:	SC
SIC Code:	3674
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
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	6
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:	800210
Air District Name:	SC
SIC Code:	3674
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:	5
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Year:	1998
County Code:	30
Air Basin:	SC
Facility ID:	800210
Air District Name:	SC
SIC Code:	3674
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:	5
Carbon Monoxide Emissions Tons/Yr:	4

CONEXANT SYSTEMS, INC (Continued) **1000273232**

NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Year:	1999
County Code:	30
Air Basin:	SC
Facility ID:	800210
Air District Name:	SC
SIC Code:	3674
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:	5
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Year:	2000
County Code:	30
Air Basin:	SC
Facility ID:	800210
Air District Name:	SC
SIC Code:	3674
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:	5
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Year:	2001
County Code:	30
Air Basin:	SC
Facility ID:	800210
Air District Name:	SC
SIC Code:	3674
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:	12
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	12
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Year:	2005

CONEXANT SYSTEMS, INC (Continued) **1000273232**

County Code:	30
Air Basin:	SC
Facility ID:	800210
Air District Name:	SC
SIC Code:	3674
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:	.01749
Reactive Organic Gases Tons/Yr:	.011346898
Carbon Monoxide Emissions Tons/Yr:	.076955
NOX - Oxides of Nitrogen Tons/Yr:	.39034
SOX - Oxides of Sulphur Tons/Yr:	.002505
Particulate Matter Tons/Yr:	.01736
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.01715504

NY MANIFEST:

Country:	USA
EPA ID:	CAD008371437
Facility Status:	Not reported
Location Address 1:	4311 JAMBOREE ROAD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	NEWPORT BEACH
Location State:	CA
Location Zip:	92658
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	CAD008371437
Mailing Name:	ROCKWELL SIMICONDUCTOR SYSTEMS
Mailing Contact:	TIMOTHY WOODWARD
Mailing Address 1:	4311 JAMBOREE ROAD
Mailing Address 2:	Not reported
Mailing City:	NEWPORT BEACH
Mailing State:	CA
Mailing Zip:	92658
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7142214324

NY MANIFEST:

Document ID:	NYB8192754
Manifest Status:	Not reported
seq:	01
Year:	2000
Trans1 State ID:	71071NNY
Trans2 State ID:	Not reported
Generator Ship Date:	10/30/2000
Trans1 Recv Date:	10/30/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/10/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD008371437
Trans1 EPA ID:	NYD982792814

CONEXANT SYSTEMS, INC (Continued) **1000273232**

Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD000632372
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

Document ID:	NYB7421742
Manifest Status:	C
seq:	Not reported
Year:	1996
Trans1 State ID:	017
Trans2 State ID:	Not reported
Generator Ship Date:	02/22/1996
Trans1 Recv Date:	02/22/1996
Trans2 Recv Date:	/ /
TSD Site Recv Date:	03/04/1996
Part A Recv Date:	05/20/1996
Part B Recv Date:	03/12/1996
Generator EPA ID:	CAD008371437
Trans1 EPA ID:	ILD981957236
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD000632372
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported

CONEXANT SYSTEMS, INC (Continued) **1000273232**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00059
Units:	P - Pounds
Number of Containers:	006
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00153
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

ECHO:

Envid:	1000273232
Registry ID:	110064124889
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110064124889

E18 **ROCKWELL INTERNATIONAL CORP** **CA LUST** **1000725856**
SSW **4311 JAMBOREE RD** **CA SWEEPS UST** **N/A**
1/8-1/4 **NEWPORT BEACH, CA 92660** **CA FID UST**
0.131 mi. **CA HIST CORTESE**
694 ft. **Site 3 of 3 in cluster E**

Relative:
Lower

Actual:
50 ft.

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Remediation Plan
Case Number:	083001040T
Local Case Num:	85UT105
Case Type:	Other ground water affected
Substance:	81552
Qty Leaked:	Not reported
Abate Method:	Pump and Treat Ground Water - generally employed to remove dissolved contaminants
Cross Street:	BIRCH
Enf Type:	SEL
Funding:	State Funds
How Discovered:	Subsurface Monitoring
How Stopped:	Not reported
Leak Cause:	Other Cause
Leak Source:	Other Source
Global ID:	T0605900822
How Stopped Date:	4/17/1990

ROCKWELL INTERNATIONAL CORP (Continued) **1000725856**

Enter Date:	10/6/1988
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/17/1990
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	10/6/1988
Date Remediation Plan Submitted:	3/1/2001
Date Remedial Action Underway:	11/22/1989
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	10/6/1988
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	LUST
Latitude:	33.6622804
Longitude:	-117.8585994
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:	JK
Lead Agency:	Regional Board
Local Agency:	30000L
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: XYLENE, METHYLENE CHLORIDE, ISOPROPYL ALCOHOL, TCE, ACETONE, ETC. COMPLETED GW INVESTIGATION. EXPANSION OF GW CLEANUP SYSTEM UNDER CONSTRUCTION. 8/26/95 - APPROVE OFFSITE INJECTION WELLS 6/7/96 - INSEPCT GW TREAT SYS

SWEEPS UST:

Status:	Active
Comp Number:	4849
Number:	9
Board Of Equalization:	44-016283
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-004849-000010
Tank Status:	A
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	OTHER
Number Of Tanks:	1

ROCKWELL INTERNATIONAL CORP (Continued) **1000725856**

CA FID UST:
- Facility ID: 30000009
- Regulated By: UTNKA
- Regulated ID: Not reported
- Cortese Code: Not reported
- SIC Code: Not reported
- Facility Phone: 7148333000
- Mail To: Not reported
- Mailing Address: 4311 JAMBOREE
- Mailing Address 2: Not reported
- Mailing City,St,Zip: NEWPORT BEACH 92660
- Contact: Not reported
- Contact Phone: Not reported
- DUNs Number: Not reported
- NPDES Number: Not reported
- EPA ID: Not reported
- Comments: Not reported
- Status: Active

HIST CORTESE:
- Region: CORTESE
- Facility County Code: 30
- Reg By: LTNKA
- Reg Id: 083001040T

19
SSE
1/8-1/4
0.135 mi.
711 ft.

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR)
4321 JAMBOREE ROAD
NEWPORT BEACH, CA 92660

RCRA-LQG **1005415593**
ICIS **CAR000113233**
FINDS
ECHO

Relative:
Higher

Actual:
55 ft.

RCRA-LQG:
- Date form received by agency: 03/01/2014
- Facility name: NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR)
- Facility address: 4321 JAMBOREE ROAD
  NEWPORT BEACH, CA 92660
- EPA ID: CAR000113233
- Mailing address: JAMBOREE ROAD
  NEWPORT BEACH, CA 92660
- Contact: MICHAEL A MAURER
- Contact address: JAMBOREE ROAD
  NEWPORT BEACH, CA 92660
- Contact country: Not reported
- Contact telephone: (949) 435-8000
- Telephone ext.: 8479
- Contact email: MIKE.MAURER@TOWERJAZZ.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

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

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:	NEWPORT FAB, LLC DBA JAZZ SEMICONDUCOTR
Owner/operator address:	JAMBOREE ROAD
	NEWPORT BEACH, CA 92660
Owner/operator country:	Not reported
Owner/operator telephone:	(949) 435-8479
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	03/12/2002
Owner/Op end date:	Not reported

Owner/operator name:	NEWPORT FAB, LLC (DBA) JAZZ
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	03/12/2002
Owner/Op end date:	Not reported

Owner/operator name:	UPTOWN NEWPORT, LP
Owner/operator address:	PARK PLAZA SUITE #700
	IRIVINE, CA 92614
Owner/operator country:	Not reported
Owner/operator telephone:	(949) 231-5068
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/20/2010
Owner/Op end date:	Not reported

Owner/operator name:	NEWPORT FAB, LLC
Owner/operator address:	4321 JAMBOREE ROAD
	NEWPORT BEACH, CA 92660
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	03/12/2002
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:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

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: C
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: E
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: Yes
Generated waste on-site: No

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: 134
. Waste name: 134

. Waste code: 141
. Waste name: 141

. Waste code: 181
. Waste name: 181

. Waste code: 213
. Waste name: 213

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

. Waste code: 261
. Waste name: 261

. Waste code: 281
. Waste name: 281

. Waste code: 291
. Waste name: 291

. Waste code: 311
. Waste name: 311

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 551
. Waste name: 551

. Waste code: 741
. Waste name: 741

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. 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.

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

. 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.

Historical Generators:
Date form received by agency: 03/20/2012
Site name: NEWPORT FAB LLC, DBA. JAZZ SEMICONDUCTOR
Classification: Large Quantity Generator

. Waste code: 122
. Waste name: 122

. Waste code: 133
. Waste name: 133

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

. Waste code: 214
. Waste name: 214

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 551
. Waste name: 551

. Waste code: 725
. Waste name: 725

. Waste code: 741
. Waste name: 741

. Waste code: 791

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. 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 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.

Date form received by agency: 09/08/2010
Site name: NEWPORT FAB LLC DBA. JAZZ SEMICONDUCTOR
Classification: Large Quantity Generator

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 214
. Waste name: 214

. Waste code: 331
. Waste name: 331

. Waste code: 352
. Waste name: 352

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

. Waste code: 551
. Waste name: 551

. Waste code: 741
. Waste name: 741

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. 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 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: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, 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

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

. Waste code: P003
. Waste name: 2-PROPENAL (OR) ACROLEIN

. Waste code: P048
. Waste name: 2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-

. Waste code: P082
. Waste name: METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U027
. Waste name: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

. Waste code: U030
. Waste name: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U042
. Waste name: 2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U073
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO- (OR) 3,3'-DICHLOROBENZIDINE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U088
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE

. Waste code: U101
. Waste name: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U128

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

. Waste name: 1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE

. Waste code: U130
. Waste name: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U209
. Waste name: 1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-

. Waste code: U225
. Waste name: BROMOFORM (OR) METHANE, TRIBROMO-

Date form received by agency: 01/29/2008
Site name: NEWPORT FAB LLC DBA. JAZZ SEMICONDUCTOR
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. 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 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: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID,

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, 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: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

. Waste code: P003
. Waste name: 2-PROPENAL (OR) ACROLEIN

. Waste code: P048
. Waste name: 2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-

. Waste code: P082
. Waste name: METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U027
. Waste name: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

. Waste code: U030
. Waste name: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U042
. Waste name: 2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U073
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO- (OR) 3,3'-DICHLOROBENZIDINE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

. Waste code: U088
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE

. Waste code: U101
. Waste name: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U120
. Waste name: FLUORANTHENE

. Waste code: U128
. Waste name: 1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

. Waste code: U130
. Waste name: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U209
. Waste name: 1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-

. Waste code: U225
. Waste name: BROMOFORM (OR) METHANE, TRIBROMO-

Date form received by agency: 02/10/2006
Site name: NEWPORT FAB LLC DBA) JAZZ SEMICONDUCTOR
Classification: Large Quantity Generator

. Waste code: 135
. Waste name: 135

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

. Waste code: 214
. Waste name: 214

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

. Waste code: 352
. Waste name: 352

. Waste code: 725
. Waste name: 725

. Waste code: 741
. Waste name: 741

. Waste code: 791
. Waste name: 791

. 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: D005
. Waste name: BARIUM

. 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: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, 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: 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: 02/18/2004
Site name: NEWPORT FAB, LLC (DBA)JAZZ SEMICONDUCTOR
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. 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: D009
. Waste name: MERCURY

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

. Waste code: D011
. Waste name: SILVER

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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: 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, 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: 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: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P096
. Waste name: HYDROGEN PHOSPHIDE (OR) PHOSPHINE

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

. Waste code: P105
. Waste name: SODIUM AZIDE

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

Date form received by agency: 03/06/2002
Site name: NEWPORT FAB L L C
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. 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, TRICHLORETHYLENE, 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: 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, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

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: 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: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U211
. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

Biennial Reports:

Last Biennial Reporting Year: 2013

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 PENSKY-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): 301280

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): 296

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 15560

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 40

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 306

Waste code: D011
Waste name: SILVER
Amount (Lbs): 40

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 296

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): 326916

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/22/2015
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 - 265.1050
Area of violation: Generators - General
Date violation determined: 03/20/2006
Date achieved compliance: 08/28/2007
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/28/2007
Enf. disposition status: Not reported

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 26250
Final penalty amount: 26250
Paid penalty amount: Not reported

Regulation violated: FR - 265.1050
Area of violation: Generators - General
Date violation determined: 03/20/2006
Date achieved compliance: 08/28/2007
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/03/2006
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 - 265.1050
Area of violation: Generators - General
Date violation determined: 03/20/2006
Date achieved compliance: 08/28/2007
Violation lead agency: EPA
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 05/08/2006
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 - 40 CFR Subpart BB
Area of violation: Generators - General
Date violation determined: 08/05/2005
Date achieved compliance: 11/25/2005
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 26250
Final penalty amount: 26250
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/08/2016
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/27/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/22/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/22/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/21/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/03/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/05/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/07/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/27/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/08/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/11/2007
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

Evaluation date: 06/23/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Evaluation date: 03/20/2006
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: 08/28/2007
Evaluation lead agency: EPA

Evaluation date: 08/05/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/25/2005
Evaluation lead agency: EPA

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: 05/03/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

ICIS:
Enforcement Action ID: 09-2007-0188
FRS ID: 110015679372
Program ID: BR CAR000113233
Action Name: JAZZ SEMICONDUCTORS
Full Address: 4321 JAMBOREE RD. NEWPORT BEACH CA 92660
State: California
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Facility Address: 4321 JAMBOREE RD.
NEWPORT BEACH, CA 92660
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
EPA Region #: 9

Enforcement Action ID: 09-2007-0188
FRS ID: 110015679372
Program ID: E-GGRT 1010139
Action Name: JAZZ SEMICONDUCTORS
Full Address: 4321 JAMBOREE RD. NEWPORT BEACH CA 92660
State: California
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Facility Address: 4321 JAMBOREE RD.
NEWPORT BEACH, CA 92660
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
EPA Region #: 9

Enforcement Action ID: 09-2007-0188

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

FRS ID: 110015679372
Program ID: EIS 14036411
Action Name: JAZZ SEMICONDUCTORS
Full Address: 4321 JAMBOREE RD. NEWPORT BEACH CA 92660
State: California
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Facility Address: 4321 JAMBOREE RD.
NEWPORT BEACH, CA 92660
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
EPA Region #: 9

Enforcement Action ID: 09-2007-0188
FRS ID: 110015679372
Program ID: EIS 2517311
Action Name: JAZZ SEMICONDUCTORS
Full Address: 4321 JAMBOREE RD. NEWPORT BEACH CA 92660
State: California
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Facility Address: 4321 JAMBOREE RD.
NEWPORT BEACH, CA 92660
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
EPA Region #: 9

Enforcement Action ID: 09-2007-0188
FRS ID: 110015679372
Program ID: TRIS 92660NWPRT4321J
Action Name: JAZZ SEMICONDUCTORS
Full Address: 4321 JAMBOREE RD. NEWPORT BEACH CA 92660
State: California
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Facility Address: 4321 JAMBOREE RD.
NEWPORT BEACH, CA 92660
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
EPA Region #: 9

Enforcement Action ID: 09-2007-0188
FRS ID: 110015679372
Program ID: HWTS-DATAMART CAR000113233
Action Name: JAZZ SEMICONDUCTORS
Full Address: 4321 JAMBOREE RD. NEWPORT BEACH CA 92660
State: California
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Facility Address: 4321 JAMBOREE RD.
NEWPORT BEACH, CA 92660
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
EPA Region #: 9

Enforcement Action ID: 09-2007-0188
FRS ID: 110015679372
Program ID: NEI NEI2CAT18445
Action Name: JAZZ SEMICONDUCTORS
Full Address: 4321 JAMBOREE RD. NEWPORT BEACH CA 92660
State: California

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Facility Address: 4321 JAMBOREE RD.
NEWPORT BEACH, CA 92660
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
EPA Region #: 9

Enforcement Action ID: 09-2007-0188
FRS ID: 110015679372
Program ID: RCRAINFO CAR000113233
Action Name: JAZZ SEMICONDUCTORS
Full Address: 4321 JAMBOREE RD. NEWPORT BEACH CA 92660
State: California
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Facility Address: 4321 JAMBOREE RD.
NEWPORT BEACH, CA 92660
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
EPA Region #: 9

Enforcement Action ID: 09-2007-0188
FRS ID: 110015679372
Program ID: FRS 110015679372
Action Name: JAZZ SEMICONDUCTORS
Full Address: 4321 JAMBOREE RD. NEWPORT BEACH CA 92660
State: California
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Facility Address: 4321 JAMBOREE RD.
NEWPORT BEACH, CA 92660
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: ORANGE
EPA Region #: 9

Program ID: BR CAR000113233
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

Program ID: E-GGRT 1010139
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

Program ID: EIS 14036411
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

Program ID: EIS 2517311
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

Program ID: FRS 110015679372
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

Program ID: HWTS-DATAMART CAR000113233
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

Program ID: NEI NEI2CAT18445
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

Program ID: RCRAINFO CAR000113233
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

Program ID: TRIS 92660NWPRT4321J
Facility Name: NEWPORT FAB LLC (DBA TOWERJAZZ)
Address: 4321 JAMBOREE RD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3674

FINDS:

Registry ID: 110015679372

Environmental Interest/Information System
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

NEWPORT FAB, LLC (DBA JAZZ SEMICONDUCTOR) (Continued) **1005415593**

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.

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

GREENHOUSE GAS 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 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.

ECHO:

Envid:	1005415593
Registry ID:	110015679372
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110015679372

20
WNW
1/8-1/4
0.162 mi.
855 ft.

EMERALD CLEANERS
4341 MCARTHUR BLVD
NEWPORT BEACH, CA 92660

RCRA-SQG **1001111788**
FINDS **CAR000013268**
CA DRYCLEANERS
CA HAZNET
ECHO

Relative:
Higher

Actual:
52 ft.

RCRA-SQG:

Date form received by agency:	06/20/1996
Facility name:	EMERALD CLEANERS
Facility address:	4341 MCARTHUR BLVD NEWPORT BEACH, CA 92660
EPA ID:	CAR000013268
Mailing address:	MCARTHUR BLVD NEWPORT BEACH, CA 92660
Contact:	HOUSHANG HAKIMDAUR
Contact address:	4341 MCARTHUR BLVD NEWPORT BEACH, CA 92660

EMERALD CLEANERS (Continued) **1001111788**

Contact country: US
Contact telephone: (714) 724-9666
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: HOUSHANG HAKIMDAUR
Owner/operator address: 4341 MCARTHUR BLVD
NEWPORT BEACH, CA 92660
Owner/operator country: Not reported
Owner/operator telephone: (714) 724-9666
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
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: 110002912670

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.

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.

EMERALD CLEANERS (Continued) **1001111788**

DRYCLEANERS:

EPA Id:	CAR000013268
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	02/26/1997
Facility Active:	No
Inactive Date:	06/30/2014
Facility Addr2:	Not reported
Owner Name:	HOUSHANG HAKIMDAVAR
Owner Address:	4341 MACARTHUR BLVD
Owner Address 2:	Not reported
Owner Telephone:	9497249666
Contact Name:	HOUSHANG HAKIMDAVAR
Contact Address:	4341 MACARTHUR BLVD
Contact Address 2:	Not reported
Contact Telephone:	9497249666
Mailing Name:	Not reported
Mailing Address 1:	19 TENNESSEE
Mailing Address 2:	Not reported
Mailing City:	IRVINE
Mailing State:	CA
Mailing Zip:	926060000
Owner Fax:	4
Region Code:	0000000000

HAZNET:

envid:	1001111788
Year:	2007
GEPAID:	CAR000013268
Contact:	HOUSHANG HAKIMDAVAR
Telephone:	9497249666
Mailing Name:	Not reported
Mailing Address:	4341 MACARTHUR BLVD
Mailing City,St,Zip:	NEWPORT BEACH, CA 926600000
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	Not reported
Cat Decode:	Not reported
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Orange

envid:	1001111788
Year:	2007
GEPAID:	CAR000013268
Contact:	HOUSHANG HAKIMDAVAR
Telephone:	9497249666
Mailing Name:	Not reported
Mailing Address:	4341 MACARTHUR BLVD
Mailing City,St,Zip:	NEWPORT BEACH, CA 926600000

EMERALD CLEANERS (Continued) **1001111788**

Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Cat Decode:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Orange
envid:	1001111788
Year:	2006
GEPAID:	CAR000013268
Contact:	HOUSHANG HAKIMDAVAR
Telephone:	9497249666
Mailing Name:	Not reported
Mailing Address:	4341 MACARTHUR BLVD
Mailing City,St,Zip:	NEWPORT BEACH, CA 926600000
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Transfer Station
Tons:	0.02
Cat Decode:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Decode:	Transfer Station
Facility County:	Orange
envid:	1001111788
Year:	2006
GEPAID:	CAR000013268
Contact:	HOUSHANG HAKIMDAVAR
Telephone:	9497249666
Mailing Name:	Not reported
Mailing Address:	4341 MACARTHUR BLVD
Mailing City,St,Zip:	NEWPORT BEACH, CA 926600000
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	Not reported
Cat Decode:	Not reported
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Orange
envid:	1001111788
Year:	2006
GEPAID:	CAR000013268
Contact:	HOUSHANG HAKIMDAVAR
Telephone:	9497249666
Mailing Name:	Not reported
Mailing Address:	4341 MACARTHUR BLVD

EMERALD CLEANERS (Continued) **1001111788**

Mailing City,St,Zip: NEWPORT BEACH, CA 926600000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05
Cat Decode: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Orange

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

ECHO:
Envid: 1001111788
Registry ID: 110002912670
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002912670

F21 **U C I - FLEET SERVICES** **CA UST** **U003783933**
East **19182 JAMBOREE** **N/A**
1/8-1/4 **IRVINE, CA 92697**
0.170 mi.
898 ft. **Site 1 of 4 in cluster F**

Relative:
Higher

Actual:
56 ft.

UST:
Facility ID: 7014
Permitting Agency: ORANGE COUNTY
Latitude: 33.6654169
Longitude: -117.8538744

F22 **U C I - FLEET SERVICE** **CA LUST** **S103993409**
East **19182 JAMBOREE RD** **N/A**
1/8-1/4 **IRVINE, CA 92612**
0.170 mi.
898 ft. **Site 2 of 4 in cluster F**

Relative:
Higher

Actual:
56 ft.

LUST:
Region: STATE
Global Id: T0605901891
Latitude: 33.6644053
Longitude: -117.8555614
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/08/2012
Lead Agency: ORANGE COUNTY LOP
Case Worker: JW
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083002742T
LOC Case Number: 95UT056
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Please refer to recent Site Documents or Monitoring Reports in

U C I - FLEET SERVICE (Continued) **S103993409**

GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605901891
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:	T0605901891
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

Status History:

Global Id:	T0605901891
Status:	Completed - Case Closed
Status Date:	06/08/2012

Global Id:	T0605901891
Status:	Open - Case Begin Date
Status Date:	08/25/1995

Global Id:	T0605901891
Status:	Open - Remediation
Status Date:	06/16/2004

Global Id:	T0605901891
Status:	Open - Remediation
Status Date:	05/01/2006

Global Id:	T0605901891
Status:	Open - Site Assessment
Status Date:	11/16/1998

Regulatory Activities:

Global Id:	T0605901891
Action Type:	REMEDIATION
Date:	11/16/1998
Action:	Excavation

Global Id:	T0605901891
Action Type:	REMEDIATION
Date:	05/01/2006
Action:	In Situ Physical/Chemical Treatment (other than SVE)

U C I - FLEET SERVICE (Continued) **S103993409**

Global Id: T0605901891
Action Type: REMEDIATION
Date: 09/19/2001
Action: Free Product Removal

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 05/17/2011
Action: File review

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 01/30/2012
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 11/26/2007
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 06/17/2004
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 09/10/2003
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 02/01/2008
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 02/06/2007
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 12/23/2004
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 02/16/2005
Action: Staff Letter

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 06/08/2012
Action: Closure/No Further Action Letter

Global Id: T0605901891
Action Type: REMEDIATION

U C I - FLEET SERVICE (Continued) **S103993409**

Date: 05/31/2006
Action: Other (Use Description Field)

Global Id: T0605901891
Action Type: REMEDIATION
Date: 11/01/2004
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Staff Letter

Global Id: T0605901891
Action Type: Other
Date: 08/25/1995
Action: Leak Discovery

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 08/29/1995
Action: Notice of Responsibility

Global Id: T0605901891
Action Type: ENFORCEMENT
Date: 06/04/2003
Action: Notice to Comply

Global Id: T0605901891
Action Type: Other
Date: 08/28/1995
Action: Leak Reported

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 95UT056
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 06/08/2012
Record ID: RO0002374

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Remediation Plan
Case Number: 083002742T
Local Case Num: 95UT056
Case Type: Other ground water affected
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: NTC
Funding: Not reported
How Discovered: SA

U C I - FLEET SERVICE (Continued) **S103993409**

How Stopped:	Other Means
Leak Cause:	Unknown
Leak Source:	Tank
Global ID:	T0605901891
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:	8/25/1995
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	11/16/1998
Date Remediation Plan Submitted:	6/16/2004
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:	33.6644053
Longitude:	-117.8555614
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:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

F23 **U C I** **CA SWEEPS UST** **S101589562**
East **19182 JAMBOREE RD** **CA FID UST** **N/A**
1/8-1/4 **IRVINE, CA 92717** **CA HIST CORTESE**
0.170 mi.
898 ft. **Site 3 of 4 in cluster F**

Relative:
Higher

Actual:
56 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	7014
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

U C I (Continued) **S101589562**

SWRCB Tank Id: 30-000-007014-000010
Tank Status: Not reported
Capacity: 20000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 3

Status: Not reported
Comp Number: 7014
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: 30-000-007014-000011
Tank Status: Not reported
Capacity: 20000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 7014
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: 30-000-007014-000012
Tank Status: Not reported
Capacity: 20000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 7014
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: 30-000-007014-000013
Tank Status: A
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

U C I (Continued) **S101589562**

Content: DIESEL
Number Of Tanks: 4

Status: Active
Comp Number: 7014
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: 30-000-007014-000014
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 7014
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: 30-000-007014-000015
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 7014
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: 30-000-007014-000016
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 30017570
Regulated By: UTNKA

U C I (Continued) **S101589562**

Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7148567430
Mail To:	Not reported
Mailing Address:	400 P ST 5TH FLR OFFICE ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	IRVINE 92717
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083002742T

F24 **U C IRVINE MEDICAL CENTER** **CA HIST CORTESE** **S101299749**
East **19172** **N/A**
1/8-1/4 **IRVINE, CA 92714**
0.171 mi.
904 ft. **Site 4 of 4 in cluster F**

Relative:
Higher

Actual:
56 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001007T

G25 **APPLIED CIRCUIT SOLUTIONS INC** **RCRA NonGen / NLR** **1001111666**
NE **2649 CAMPUS DR** **FINDS** **CAR000012039**
1/8-1/4 **IRVINE, CA 92618** **CA HAZNET**
0.179 mi. **ECHO**
946 ft. **Site 1 of 5 in cluster G**

Relative:
Lower

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/14/2002
Facility name:	APPLIED CIRCUIT SOLUTIONS INC
Facility address:	2649 CAMPUS DR IRVINE, CA 927151601
EPA ID:	CAR000012039
Contact:	JAMES M KERCHNER
Contact address:	3232 S FAIRVIEW ST SANTA ANA, CA 927046509
Contact country:	US
Contact telephone:	(714) 754-1545
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

Owner/Operator Summary:
Owner/operator name: BOWERS PEREZ ASSOC PROPERTY
Owner/operator address: 18818 TELLER AVE STE 275
IRVINE, CA 92715
Owner/operator country: Not reported
Owner/operator telephone: (714) 622-0181
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
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: 110008286522

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.

HAZNET:
envid: 1001111666
Year: 2001
GEPAID: CAR000012039
Contact: RICK PERKINS
Telephone: 9498332244
Mailing Name: Not reported
Mailing Address: 3232 S FAIRVIEW ST
Mailing City,St,Zip: SANTA ANA, CA 927040000
Gen County: Not reported
TSD EPA ID: CAD008488025
TSD County: Not reported
Waste Category: Aqueous solution with metals (< restricted levels and (Alkaline

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

	solution (pH >= 12.5) with metals))
Disposal Method:	Treatment, Tank
Tons:	18.68
Cat Decode:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Method Decode:	Treatment, Tank
Facility County:	Orange
envid:	1001111666
Year:	2001
GEPAID:	CAR000012039
Contact:	RICK PERKINS
Telephone:	9498332244
Mailing Name:	Not reported
Mailing Address:	3232 S FAIRVIEW ST
Mailing City,St,Zip:	SANTA ANA, CA 927040000
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method:	Not reported
Tons:	1.25
Cat Decode:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Method Decode:	Not reported
Facility County:	Orange
envid:	1001111666
Year:	2001
GEPAID:	CAR000012039
Contact:	RICK PERKINS
Telephone:	9498332244
Mailing Name:	Not reported
Mailing Address:	3232 S FAIRVIEW ST
Mailing City,St,Zip:	SANTA ANA, CA 927040000
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method:	Disposal, Other
Tons:	2.29
Cat Decode:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Method Decode:	Disposal, Other
Facility County:	Orange
envid:	1001111666
Year:	2001
GEPAID:	CAR000012039
Contact:	RICK PERKINS
Telephone:	9498332244
Mailing Name:	Not reported
Mailing Address:	3232 S FAIRVIEW ST
Mailing City,St,Zip:	SANTA ANA, CA 927040000
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Aqueous solution with metals (< restricted levels and (Alkaline

APPLIED CIRCUIT SOLUTIONS INC (Continued) **1001111666**

	solution (pH >= 12.5) with metals))
Disposal Method:	Recycler
Tons:	1.87
Cat Decode:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Method Decode:	Recycler
Facility County:	Orange

envid:	1001111666
Year:	2000
GEPAID:	CAR000012039
Contact:	RICK PERKINS
Telephone:	9498332244
Mailing Name:	Not reported
Mailing Address:	3232 S FAIRVIEW ST
Mailing City,St,Zip:	SANTA ANA, CA 927040000
Gen County:	Not reported
TSD EPA ID:	CAD008488025
TSD County:	Not reported
Waste Category:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method:	Treatment, Tank
Tons:	43.68
Cat Decode:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Method Decode:	Treatment, Tank
Facility County:	Orange

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

ECHO:

Envid:	1001111666
Registry ID:	110008286522
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110008286522

G26 **ACCUPATH DIAGNOSTIC LABORATORIES INC.** **CA LUST** **S102436615**
NE **2601 CAMPUS DR** **CA HIST UST** **N/A**
1/8-1/4 **IRVINE, CA 92612** **CA HWP**
0.187 mi. **CA NPDES**
987 ft. **Site 2 of 5 in cluster G**

Relative:
Lower

Actual:
47 ft.

LUST:

Region:	STATE
Global Id:	T0605979627
Latitude:	33.668426
Longitude:	-117.856324
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/13/1984
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	JW
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	84UT028
File Location:	Local Agency
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

ACCUPATH DIAGNOSTIC LABORATORIES INC. (Continued) **S102436615**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605979627
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:	T0605979627
Contact Type:	Regional Board Caseworker
Contact Name:	NONE
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	Not reported
City:	RIVERSIDE
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0605979627
Status:	Completed - Case Closed
Status Date:	12/13/1984

Global Id:	T0605979627
Status:	Open - Case Begin Date
Status Date:	12/13/1984

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	84UT028
Released Substance:	Not reported / unknown
Date Closed:	12/13/1984
Record ID:	RO0001339

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	Not reported
Local Case Num:	84UT028
Case Type:	Undefined
Substance:	0
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

ACCUPATH DIAGNOSTIC LABORATORIES INC. (Continued) **S102436615**

Leak Source:	Unknown
Global ID:	T0605979627
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:	1/1/1965
Enforcement Date:	Not reported
Close Date:	12/13/1984
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:	Not reported
Longitude:	Not reported
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:	Not reported
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:	0002E9DE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E9DE.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

ACCUPATH DIAGNOSTIC LABORATORIES INC. (Continued) **S102436615**

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:

HWP:

EPA Id:	CAD096882147
Cleanup Status:	CLOSED
Latitude:	33.66843
Longitude:	-117.8574
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	400361
Assembly District:	74
Senate District:	37
Public Information Officer:	Not reported
Public Information Officer:	Not reported

Activities:

EPA Id:	CAD096882147
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date:	04/26/1985

EPA Id:	CAD096882147
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1
Event Description:	Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date:	10/16/1981

EPA Id:	CAD096882147
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1
Event Description:	Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date:	10/16/1981

EPA Id:	CAD096882147
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	10/26/1983

EPA Id:	CAD096882147
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date:	06/28/1985

EPA Id:	CAD096882147
Facility Type:	Historical - Non-Operating

ACCUPATH DIAGNOSTIC LABORATORIES INC. (Continued) **S102436615**

Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 06/28/1990

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED
Actual Date: 08/31/1987

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 06/28/1985

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/18/1980

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 02/02/1983

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION APPROVED
Actual Date: 07/14/1989

Closure:

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 05/31/1988

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date: 09/28/1990

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 01/15/1991

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - CLOSURE PLAN APPROVED

ACCUPATH DIAGNOSTIC LABORATORIES INC. (Continued) **S102436615**

Actual Date: 07/14/1989

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 12/06/1988

Alias:
EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 400361

EPA Id: CAD096882147
Facility Type: Historical - Non-Operating
Alias Type: Alternate Name
Alias: ACCUPATH DIAGNOSTIC LABS DBA US LABS

NPDES:
Npdes Number: CAS000002
Facility Status: Active
Agency Id: 0
Region: 8
Regulatory Measure Id: 452082
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 30C372097
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 02/06/2015
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Campos Verdes LLC
Discharge Address: 9110 Judicial Drive
Discharge City: San Diego
Discharge State: California
Discharge Zip: 92122
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

ACCUPATH DIAGNOSTIC LABORATORIES INC. (Continued) **S102436615**

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

G27 **ACCUPATH DIAGNOSTIC LABS DBA US LABS** **CA ENVIROSTOR** **S118757545**
NE **2601 CAMPUS DR** **N/A**
1/8-1/4 **IRVINE, CA 92612**
0.187 mi.
987 ft. **Site 3 of 5 in cluster G**

Relative:
Lower

Actual:
47 ft.

ENVIROSTOR:

Facility ID:	80001725
Status:	No Action Required
Status Date:	05/11/2009
Site Code:	400361
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	WM

ACCUPATH DIAGNOSTIC LABS DBA US LABS (Continued) **S118757545**

Program Manager: Not reported
Supervisor: * Pauline Batarseh
Division Branch: Cleanup Sacramento
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.66823
Longitude: -117.8561
APN: 445-031-01
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 445-031-01
Alias Type: APN
Alias Name: CAD096882147
Alias Type: EPA Identification Number
Alias Name: 400361
Alias Type: Project Code (Site Code)
Alias Name: 80001725
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/29/1999
Comments: Completed by EPA on 6/29/99. R.C. wrote memo to file on 1/15/08 - NFA needed. ps 3/1/08

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/29/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Other Instrument
Completed Date: 09/30/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 08/30/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/20/2010
Comments: Not reported

Future Area Name: Not reported

ACCUPATH DIAGNOSTIC LABS DBA US LABS (Continued) **S118757545**

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

G28
NE
1/8-1/4
0.187 mi.
987 ft.

Relative:
Lower

Actual:
47 ft.

ACCUPATH DIAGNOSTIC LABORATORIES INC
2601 CAMPUS DRIVE
IRVINE, CA 92612

Site 4 of 5 in cluster G

SEMS-ARCHIVE **1000240990**
CORRACTS **CAD096882147**
RCRA-TSDF
RCRA-LQG
FINDS
ECHO

SEMS-ARCHIVE:

Site ID:	903301
EPA ID:	CAD096882147
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0903301
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13285820.00000
Person ID:	13003854.00000
Contact Sequence ID:	13291415.00000
Person ID:	13003858.00000
Contact Sequence ID:	13297273.00000
Person ID:	13004003.00000

Program Priority:

Description:	RCRA Deferral Audit
Description:	RCRA Deferral - New Decision
Description:	RCRA Deferral - Further Superfund Assessment

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	03/01/91
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	09/16/91
Priority Level:	Deferred to RCRA (Subtitle C)

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/23/96
Priority Level: Not reported

CORRACTS:

EPA ID: CAD096882147
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900101
Action: CA029ST
NAICS Code(s): 621512
Diagnostic Imaging Centers
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD096882147
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19990629
Action: CA050 - RFA Completed
NAICS Code(s): 621512
Diagnostic Imaging Centers
Original schedule date: 19990629
Schedule end date: Not reported

EPA ID: CAD096882147
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19990629
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 621512
Diagnostic Imaging Centers
Original schedule date: 19990629
Schedule end date: Not reported

EPA ID: CAD096882147
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19990629
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 621512
Diagnostic Imaging Centers
Original schedule date: 19990629
Schedule end date: Not reported

EPA ID: CAD096882147
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19990629
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 621512
Diagnostic Imaging Centers
Original schedule date: Not reported
Schedule end date: Not reported

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

EPA ID: CAD096882147
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19990629
Action: CA050 - RFA Completed
NAICS Code(s): 621512
Diagnostic Imaging Centers
Original schedule date: 19990629
Schedule end date: Not reported

EPA ID: CAD096882147
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910830
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 621512
Diagnostic Imaging Centers
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD096882147
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910830
Action: CA074LO
NAICS Code(s): 621512
Diagnostic Imaging Centers
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD096882147
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910830
Action: CA049PA
NAICS Code(s): 621512
Diagnostic Imaging Centers
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD096882147
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910830
Action: CA029ST
NAICS Code(s): 621512
Diagnostic Imaging Centers
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 06/23/2012
Facility name: ACCUPATH DIAGNOSTIC LABORATORIES INC
Facility address: 2601 CAMPUS DRIVE
IRVINE, CA 92612
EPA ID: CAD096882147

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Contact:	MEGAN R SCHLICHTER
Contact address:	2601 CAMPUS DRIVE IRVINE, CA 92612
Contact country:	US
Contact telephone:	949-754-9320
Contact email:	SCHLICM@LABCORP.COM
EPA Region:	09
Land type:	Private
Classification:	TSDF
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:	IRVINE TECHNOLOGY CENTER I
Owner/operator address:	4440 VON KARMAN AVE STE 350 NEWPORT BEACH, CA 92660
Owner/operator country:	US
Owner/operator telephone:	949-221-8051
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/01/2005
Owner/Op end date:	Not reported

Owner/operator name:	ACCUPATH DIAGNOSTIC LABORATORIES INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	09/01/2001
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

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

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: 122

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 551
. Waste name: 551

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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 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: P105

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

. Waste name: SODIUM AZIDE

. Waste code: U151
. Waste name: MERCURY

Historical Generators:
Date form received by agency: 02/13/2012
Site name: ACCUPATH DIAGNOSTIC LABORATORIES INC. DBA US LABS
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: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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 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: P105
. Waste name: SODIUM AZIDE

. Waste code: U151

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

. Waste name: MERCURY

. Waste code: U188
. Waste name: PHENOL

Date form received by agency: 06/03/2010
Site name: US LABS
Classification: Large Quantity Generator

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 551
. Waste name: 551

. Waste code: 791
. Waste name: 791

. 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

. 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: P105
. Waste name: SODIUM AZIDE

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Date form received by agency: 02/28/2007
Site name: US LABS
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. 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.

Date form received by agency: 01/27/2006
Site name: ACCUPATH DIAGNOSTIC LABS DBA US LABS
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. 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.

Date form received by agency: 09/01/1996
Site name: HUGHES AIRCRAFT CO MSD DIV
Classification: Small Quantity Generator

Date form received by agency: 08/18/1980
Site name: HUGHES AIRCRAFT CO MSD DIV
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:
Waste code: D001

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-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): 160829

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): 4978

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): 12

Waste code: D008
Waste name: LEAD
Amount (Lbs): 1360

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 15

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 6565

Waste code: D022
Waste name: CHLOROFORM
Amount (Lbs): 85

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): 155610

Waste code: P105

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Waste name: SODIUM AZIDE
Amount (Lbs): 12

Waste code: U151
Waste name: MERCURY
Amount (Lbs): 5

Waste code: U188
Waste name: PHENOL
Amount (Lbs): 85

Corrective Action Summary:
Event date: 01/01/1990
Event: CA029ST

Event date: 08/30/1991
Event: CA074LO

Event date: 08/30/1991
Event: CA049PA

Event date: 08/30/1991
Event: CA029ST

Event date: 08/30/1991
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 06/29/1999
Event: RFA Determination Of Need For An RFI, RFI is Necessary;

Event date: 06/29/1999
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Event date: 06/29/1999
Event: RFA Completed, Assessment was an RFA.

Event date: 06/29/1999
Event: RFA Completed

Event date: 06/29/1999
Event: RFA Completed

Facility Has Received Notices of Violations:
Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 06/17/1988
Date achieved compliance: 08/17/1988
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

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 06/17/1988
Date achieved compliance: 08/17/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/1988
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 - 268.7
Area of violation: LDR - General
Date violation determined: 06/17/1988
Date achieved compliance: 08/17/1988
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

Evaluation Action Summary:
Evaluation date: 12/18/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/07/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/02/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/05/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/19/2009

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

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

Evaluation date: 03/11/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/22/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/07/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/03/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/17/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/17/1988
Evaluation lead agency: State

Evaluation date: 06/17/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/17/1988
Evaluation lead agency: State

Evaluation date: 06/06/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110000913414

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.

ACCUPATH DIAGNOSTIC LABORATORIES INC (Continued) **1000240990**

HAZARDOUS WASTE BIENNIAL REPORTER

ECHO:
Envid: 1000240990
Registry ID: 110000913414
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110000913414

G29 **ICN BIOMEDICALS INC** **RCRA-SQG** **1000104781**
NE **2727 CAMPUS DR** **FINDS** **CAD982009607**
1/8-1/4 **IRVINE, CA 92612** **ECHO**
0.190 mi.
1002 ft. **Site 5 of 5 in cluster G**

Relative:
Lower

Actual:
46 ft.

RCRA-SQG:
Date form received by agency: 07/01/1987
Facility name: ICN BIOMEDICALS INC
Facility address: 2727 CAMPUS DR
IRVINE, CA 92612
EPA ID: CAD982009607
Mailing address: PO BOX 19536
IRVINE, CA 92713
Contact: ENVIRONMENTAL MANAGER
Contact address: 2727 CAMPUS DR
IRVINE, CA 92715
Contact country: US
Contact telephone: (714) 833-2500
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: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ICN BIOMEDICALS INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

ICN BIOMEDICALS INC (Continued) **1000104781**

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: 110008274526

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.

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.

ECHO:
Envid: 1000104781
Registry ID: 110008274526
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110008274526

H30 **BECKMAN INSTRUMENTS INC** **RCRA NonGen / NLR** **1000271457**
ENE **92800 CAMPUS DR / JAMBOREE RD** **FINDS** **CAD078156270**
1/8-1/4 **IRVINE, CA 92612** **ECHO**
0.195 mi.
1028 ft. **Site 1 of 2 in cluster H**

Relative:
Lower

Actual:
47 ft.

RCRA NonGen / NLR:
Date form received by agency: 08/29/1994
Facility name: BECKMAN INSTRUMENTS INC
Facility address: 92800 CAMPUS DR / JAMBOREE RD
IRVINE, CA 92612
EPA ID: CAD078156270
Contact: LARRY JOHNSON
Contact address: 2500 HARBOR BLVD BOX 3100
FULLERTON, CA 926343100

BECKMAN INSTRUMENTS INC (Continued) **1000271457**

Contact country: US
Contact telephone: (714) 773-8025
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: BECKMAN INSTRUMENTS INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
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
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: 110008263048

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

BECKMAN INSTRUMENTS INC (Continued) **1000271457**

corrective action activities required under RCRA.

ECHO:
Envid: 1000271457
Registry ID: 110008263048
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110008263048

I31 **AMERICAN DATA INDUSTRIES** **CA LUST S102423935**
NNE **2465 CAMPUS DR** **CA HIST UST N/A**
1/8-1/4 **IRVINE, CA 92715** **CA HIST CORTESE**
0.207 mi.
1095 ft. **Site 1 of 2 in cluster I**

Relative:
Lower

Actual:
47 ft.

LUST:
Region: STATE
Global Id: T0605901231
Latitude: 33.669252
Longitude: -117.857815
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/02/1993
Lead Agency: ORANGE COUNTY LOP
Case Worker: JW
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083001623T
LOC Case Number: 90UT200
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0605901231
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: T0605901231
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rscott@waterboards.ca.gov
Phone Number: 9513206375

Status History:
Global Id: T0605901231
Status: Completed - Case Closed
Status Date: 06/02/1993

AMERICAN DATA INDUSTRIES (Continued) **S102423935**

Global Id: T0605901231
Status: Open - Case Begin Date
Status Date: 09/05/1990

Regulatory Activities:
Global Id: T0605901231
Action Type: Other
Date: 09/05/1990
Action: Leak Discovery

Global Id: T0605901231
Action Type: Other
Date: 09/05/1990
Action: Leak Reported

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 90UT200
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 06/02/1993
Record ID: RO0001722

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001623T
Local Case Num: 90UT200
Case Type: Soil only
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605901231
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: 9/5/1990
Enforcement Date: Not reported
Close Date: 6/2/1993
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

AMERICAN DATA INDUSTRIES (Continued) **S102423935**

Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6692442
Longitude:	-117.8586574
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:	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:	0002EC7A
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EC7A.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:

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001623T

I32
NNE
1/8-1/4
0.207 mi.
1095 ft.

AMERICAN DATA
2465 CAMPUS DR
IRVINE, CA 92612

Site 2 of 2 in cluster I

CA UST **U003804389**
N/A

Relative:
Lower

Actual:
47 ft.

UST:
Facility ID: 4144
Permitting Agency: ORANGE COUNTY
Latitude: 33.670467
Longitude: -117.8565972

J33
NW
1/8-1/4
0.208 mi.
1099 ft.

KOLL CENTER NEWPORT #8
4590 MACARTHUR BLVD
NEWPORT BEACH, CA 92660

Site 1 of 3 in cluster J

CA UST **U003940294**
N/A

Relative:
Higher

Actual:
51 ft.

UST:
Facility ID: 6885
Permitting Agency: ORANGE COUNTY
Latitude: 33.669965
Longitude: -117.862278

J34
NW
1/8-1/4
0.208 mi.
1099 ft.

KOLL CENTER NEWPORT #8
4590 MAC ARTHUR
NEWPORT BEACH, CA 92660

Site 2 of 3 in cluster J

CA SWEEPS UST **S101589559**
CA FID UST **N/A**

Relative:
Higher

Actual:
51 ft.

SWEEPS UST:
Status: Active
Comp Number: 6885
Number: 9
Board Of Equalization: 44-016538
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-006885-000001
Tank Status: A
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

CA FID UST:
Facility ID: 30017563
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148332475
Mail To: Not reported
Mailing Address: A CA LIMITED PARTNER
Mailing Address 2: Not reported

KOLL CENTER NEWPORT #8 (Continued) **S101589559**

Mailing City,St,Zip: NEWPORT BEACH 92660
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

J35 **ORANGE COUNTY BUSINESS JOURNAL** **RCRA-SQG** **1000315156**
NW **4590 MACARTHUR BLVD SUITE 100** **FINDS** **CAD982498958**
1/8-1/4 **NEWPORT BEACH, CA 92660** **ECHO**
0.208 mi.
1099 ft. **Site 3 of 3 in cluster J**

Relative:
Higher

Actual:
51 ft.

RCRA-SQG:
Date form received by agency: 02/06/1990
Facility name: ORANGE COUNTY BUSINESS JOURNAL
Facility address: 4590 MACARTHUR BLVD SUITE 100
NEWPORT BEACH, CA 92660
EPA ID: CAD982498958
Contact: ENVIRONMENTAL MANAGER
Contact address: 4590 MACARTHUR BLVD SUITE 100
NEWPORT BEACH, CA 92660
Contact country: US
Contact telephone: (714) 833-8373
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: C B J ASSOC INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
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
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

ORANGE COUNTY BUSINESS JOURNAL (Continued) **1000315156**

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: 110002832793

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.

ECHO:
- Envid: 1000315156
- Registry ID: 110002832793
- DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002832793

K36 **VNT PARTNERSHIP** **CA LUST** **S102440971**
North **2361 CAMPUS DR** **CA HIST CORTESE** **N/A**
1/8-1/4 **IRVINE, CA 92715**
0.227 mi.
1201 ft. **Site 1 of 2 in cluster K**

Relative:
Lower

Actual:
47 ft.

LUST:
- Region: STATE
- Global Id: T0605900351
- Latitude: 33.670249
- Longitude: -117.85933
- Case Type: LUST Cleanup Site
- Status: Completed - Case Closed
- Status Date: 01/21/1987
- Lead Agency: ORANGE COUNTY LOP
- Case Worker: JW
- Local Agency: ORANGE COUNTY LOP
- RB Case Number: 083000439T
- LOC Case Number: 86UT239
- File Location: Local Agency

VNT PARTNERSHIP (Continued) **S102440971**

Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0605900351
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: T0605900351
Contact Type: Regional Board Caseworker
Contact Name: PATRICIA HANNON
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: phannon@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0605900351
Status: Completed - Case Closed
Status Date: 01/21/1987

Global Id: T0605900351
Status: Open - Case Begin Date
Status Date: 01/21/1987

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 86UT239
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 01/21/1987
Record ID: RO0001691

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000439T
Local Case Num: 86UT239
Case Type: Undefined
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported

VNT PARTNERSHIP (Continued) **S102440971**

How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900351
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:	1/1/1965
Enforcement Date:	Not reported
Close Date:	1/21/1987
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:	33.6700141
Longitude:	-117.8597724
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	PAH
Staff Initials:	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 CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000439T

K37
North
1/8-1/4
0.227 mi.
1201 ft.

C N T PARTNERSHIP
2361 CAMPUS DR
IRVINE, CA 92612

Site 2 of 2 in cluster K

CA UST **U003784581**
N/A

Relative:
Lower

Actual:
47 ft.

UST:
Facility ID: 8587
Permitting Agency: ORANGE COUNTY
Latitude: 33.6715086
Longitude: -117.8581041

H38
ENE
1/8-1/4
0.233 mi.
1232 ft.

GW GLEANUP-IRVINE, CAMPUS &
CAMPUS & JAMBOREE
IRVINE, CA 92715

Site 2 of 2 in cluster H

CA HIST CORTESE **S103617626**
N/A

Relative:
Lower

Actual:
49 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: WBC&D
Reg Id: 8 302540001

L39
NW
1/8-1/4
0.238 mi.
1256 ft.

SHERATON HOTEL NEWPORT
4545 MAC ARTHUR BLVD
NEWPORT BEACH, CA 92660

Site 1 of 2 in cluster L

CA SWEEPS UST **S101631435**
CA FID UST **N/A**

Relative:
Higher

Actual:
52 ft.

SWEEPS UST:
Status: Active
Comp Number: 7057
Number: 9
Board Of Equalization: 44-016562
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-007057-000001
Tank Status: A
Capacity: 550
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

CA FID UST:
Facility ID: 30017572
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148330570
Mail To: Not reported
Mailing Address: 4545 MAC ARTHUR BLVD
Mailing Address 2: Not reported

SHERATON HOTEL NEWPORT (Continued) **S101631435**

Mailing City,St,Zip: NEWPORT BEACH 92660
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

L40
NW
1/8-1/4
0.238 mi.
1256 ft.

SHERATON HOTEL NEWPORT **CA UST** **U003783955**
4545 MACARTHUR BLVD **N/A**
NEWPORT BEACH, CA 92660

Site 2 of 2 in cluster L

Relative:
Higher

Actual:
52 ft.

UST:
Facility ID: 7057
Permitting Agency: ORANGE COUNTY
Latitude: 33.66879
Longitude: -117.86471

41
WNW
1/8-1/4
0.244 mi.
1287 ft.

MACARTHUR SQUARE CLEANERS **RCRA-SQG** **1000156425**
1701 H CORINTHIAN WAY **FINDS** **CAD981635303**
NEWPORT BEACH, CA 92660 **CA EMI**
CA HAZNET
ECHO

Relative:
Lower

Actual:
50 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: MACARTHUR SQUARE CLEANERS
Facility address: 1701 H CORINTHIAN WAY
NEWPORT BEACH, CA 92660
EPA ID: CAD981635303
Mailing address: PO BOX 7506 NEWPORT BEACH
NEWPORT BEACH, CA 92660
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
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

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

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

Owner/operator name: BHARAT D PATEL
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
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
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: 12/15/1986
Site name: MACARTHUR SQUARE CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/25/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/07/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002732552

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

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.

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	43449
Air District Name:	SC
SIC Code:	7216
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:	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

HAZNET:

envid:	1000156425
Year:	1999
GEPAID:	CAD981635303
Contact:	MACARTHUR SQUARE CLEANERS
Telephone:	7144760507
Mailing Name:	Not reported
Mailing Address:	PO BOX 7506
Mailing City,St,Zip:	NEWPORT BEACH, CA 926587506
Gen County:	Not reported
TSD EPA ID:	CAT000613976
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Transfer Station
Tons:	.5230
Cat Decode:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Decode:	Transfer Station
Facility County:	Orange

envid:	1000156425
Year:	1998
GEPAID:	CAD981635303
Contact:	MACARTHUR SQUARE CLEANERS
Telephone:	7144760507
Mailing Name:	Not reported
Mailing Address:	PO BOX 7506
Mailing City,St,Zip:	NEWPORT BEACH, CA 926587506
Gen County:	Not reported
TSD EPA ID:	CAD981375983

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

TSD County: Not reported
Waste Category: Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Recycler
Tons: .1500
Cat Decode: Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Method Decode: Recycler
Facility County: Orange

envid: 1000156425
Year: 1997
GEPAID: CAD981635303
Contact: MACARTHUR SQUARE CLEANERS
Telephone: 7144760507
Mailing Name: Not reported
Mailing Address: PO BOX 7506
Mailing City,St,Zip: NEWPORT BEACH, CA 926587506
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .2850
Cat Decode: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Decode: Transfer Station
Facility County: Orange

envid: 1000156425
Year: 1997
GEPAID: CAD981635303
Contact: MACARTHUR SQUARE CLEANERS
Telephone: 7144760507
Mailing Name: Not reported
Mailing Address: PO BOX 7506
Mailing City,St,Zip: NEWPORT BEACH, CA 926587506
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Tons: .0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000156425
Year: 1996
GEPAID: CAD981635303
Contact: MACARTHUR SQUARE CLEANERS
Telephone: 7144760507
Mailing Name: Not reported
Mailing Address: PO BOX 7506
Mailing City,St,Zip: NEWPORT BEACH, CA 926587506
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station

MACARTHUR SQUARE CLEANERS (Continued) **1000156425**

Tons: .3000
Cat Decode: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Decode: Transfer Station
Facility County: Orange

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

ECHO:
Envid: 1000156425
Registry ID: 110002732552
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002732552

M42 **HYOGO ATRIUM INC.** **CA SLIC** **S108542984**
NNE **19100-200 VAN KARMAN** **N/A**
1/4-1/2 **IRVINE, CA**
0.286 mi.
1511 ft. **Site 1 of 2 in cluster M**

Relative:
Lower

Actual:
46 ft.

SLIC REG 8:
Type: Soil and Groundwater
Facility Status: Post-Investigation/Remediation Monitoring
Staff: MGC
Substance: SOLVENTS
Lead Agency: Regional Board
Location Code: I-21
Thomas Bros Code: 859-G6

M43 **THE ATRIUM** **CA SLIC** **S110711902**
NNE **19100-19200 VON KARMAN AVE** **N/A**
1/4-1/2 **IRVINE, CA 92612**
0.286 mi.
1511 ft. **Site 2 of 2 in cluster M**

Relative:
Lower

Actual:
46 ft.

SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/05/2013
Global Id: SL208483903
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.6711
Longitude: -117.8572
Case Type: Cleanup Program Site
Case Worker: ANA
Local Agency: Not reported
RB Case Number: SL208483903
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: The Site is located in the southeast portion of Orange County, approximately one half mile east of the John Wayne Airport, on the southeast side of Von Karman Avenue, between Campus and Dupont Drives. The surface elevation in this area is approximately 50 feet above mean sea level, and the topography is relatively flat, sloping slightly toward the southwest. Depth to groundwater in the Site area

THE ATRIUM (Continued) **S110711902**

has typically ranged from 17 to 20 feet below ground surface (bgs). Two groundwater zones were identified during investigations at the Site: an upper (Zone A) and a lower (Zone B). The groundwater in Zone A appears to be unconfined or under semi-confined conditions. The groundwater flow is toward the west/northwest, with an approximate gradient of 0.001 to 0.002 feet per feet. The Site overlies the Irvine Groundwater Management Zone (GMZ), the beneficial uses of which are municipal and domestic supply, agricultural supply, industrial service supply and industrial process supply. The Site is currently occupied by two ten-story office buildings (collectively known as The Atrium), a parking structure, and associated parking areas. The two office buildings associated with The Atrium are connected by a glass-covered atrium. Prior to development of The Atrium at the Site in 1985, three former buildings (designated as Former Buildings 1, 2, and 3) occupied the Site from 1964 to 1984. Prior to 1964, the site was undeveloped. An instrument manufacturer conducted electronics assembly in the three former buildings. Former Building 1 was used as a corporate office, and former Building 2 was used for manufacturing operations. Former Building 3 was also used for manufacturing operations, which included plating and scrubbing equipment, holding tanks, a spray booth, a vapor degreaser, additional laboratory equipment associated with a machine shop, and a printed circuit board test area. Initial investigative work conducted at this Site in 1999 by Environ International Corporation (Environ) found that halogenated volatile organic compound (VOC)-impacted soil and groundwater were present in and around the northeastern corner of Former Building 3. Site investigation activities continued until June 2002, during which monitoring wells MW-1 through MW-8A were installed in the Zone A groundwater and monitoring wells MW-6B, MW-7B, and MW-8B were installed in the Zone B groundwater. Groundwater in Zone B occurs at depths of approximately 47 to 54 feet bgs.
Trichloroethylene (TCE) and tetrachloroethylene (PCE) were detected in the Zone A groundwater in all of the monitoring wells except well MW-1 and MW-7A. The maximum concentration of TCE was 180,000 micrograms per liter (a%g/L) and for PCE was 29,000 a%g/L, both detected in well MW-6A in the vicinity of Former Building 3. TCE and PCE were detected in groundwater in well MW-6B at maximum concentrations of 520 and 32 a%g/L, respectively. TCE and PCE were detected in soil at maximum concentrations of 23 milligrams per kilogram (mg/kg) at 20 feet bgs and 5.4 mg/kg at 25 feet bgs. Four on-Site and seven off-Site borings were advanced for cone penetrometer testing (CPT) in June 2001. Groundwater monitoring at the Site began in the 4th quarter of 2000, and was performed quarterly through the 4th quarter of 2006. Board staff approved a reduction in the frequency of groundwater monitoring to semi-annually as of January 2007. A remedial action plan (RAP) for dual phase extraction (DPE) was submitted to Board staff and approved in 2001. Five on-Site DPE wells (SEW-1 through SEW-5) were installed in Zone A, and two on-Site DPE wells (DEW-2 and DEW-3) were installed in Zone B in February 2002. Monitoring Well MW-6B was converted into a dual-phase extraction well (DEW-1) during the 2nd quarter of 2002. These extraction wells were connected to the DPE System, and the system was started up in June 2002. Between 2002 and 2005, the VOC concentrations decreased asymptotically. Board staff approved TRCs request for permanent shutdown of the vapor phase portion of the system in December 2005. Board staff also approved the shutdown of the three deep groundwater extraction wells in December 2007. TRC

THE ATRIUM (Continued) **S110711902**

terminated its operation of the groundwater extraction system in February 2008, due to changes in the Regional Boards effluent limitations for discharge of total dissolved solids and nitrate. A polishing treatment step using an in-situ chemical oxidation (ISCO) approach was proposed to remediate the remaining contaminants. A work plan for treatment of groundwater using ISCO was submitted to Board staff and approved in June 2008. Bench scale treatability testing and injection radius pilot testing were performed using potassium permanganate. The implementation plan for ISCO was revised to have 87 injection points and 18,000 pounds of permanganate because of concerns that hexavalent chromium would be produced as a by-product of the ISCO. Approximately 143,800 gallons of 1.5 percent permanganate solution were injected in May and April 2009. Six groundwater monitoring and sampling events were performed following completion of the injections. The sampling schedule was weekly for four weeks, then one sampling event three months after injection and another sampling event six months after injection. A Post-ISCO Injection Summary and Site Closure Request report was prepared and submitted to Board staff in January 2010. Following our review, Board staff expressed concern about residual levels of permanganate and VOCs in some of the Sites wells. TRC discussed the concerns with Board staff, and agreed to perform three additional sampling events over the next year, beginning in April 2010 and ending in April 2011. Based on the analytical data from these monitoring events, a Site closure request was submitted to Board staff in May 2011. Based on the addtional data from the October 2011 and April 2012 sampling events, it was dertermined that the VOCs concentrations in the groundwater show a stable trend. A no furher action determiantion was granted on March 5, 2013.

Click here to access the California GeoTracker records for this facility:

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44 **KOLL CTR NEWPORT #10, A CALIF** **CA LUST S100623108**
SSW **4000 MACARTHUR BL** **CA EMI N/A**
1/4-1/2 **NEWPORT BEACH, CA 92660** **CA HIST CORTESE**
0.307 mi.
1620 ft.

Relative:
Higher

Actual:
53 ft.

LUST:

Region:	STATE
Global Id:	T0605901227
Latitude:	33.660083
Longitude:	-117.862895
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/31/1996
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083001619T
LOC Case Number:	91UT044
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

KOLL CTR NEWPORT #10, A CALIF (Continued) **S100623108**

Contact:
Global Id: T0605901227
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605901227
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rscott@waterboards.ca.gov
Phone Number: 9513206375

Status History:
Global Id: T0605901227
Status: Completed - Case Closed
Status Date: 07/31/1996

Global Id: T0605901227
Status: Open - Case Begin Date
Status Date: 04/01/1991

Regulatory Activities:
Global Id: T0605901227
Action Type: ENFORCEMENT
Date: 07/31/1996
Action: Closure/No Further Action Letter

Global Id: T0605901227
Action Type: Other
Date: 04/01/1991
Action: Leak Discovery

Global Id: T0605901227
Action Type: Other
Date: 04/01/1991
Action: Leak Reported

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 91UT044
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed: 07/31/1996
Record ID: RO0001954

LUST REG 8:
Region: 8
County: Orange

KOLL CTR NEWPORT #10, A CALIF (Continued) **S100623108**

Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001619T
Local Case Num:	91UT044
Case Type:	Other ground water affected
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:	T0605901227
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/1/1991
Enforcement Date:	Not reported
Close Date:	7/31/1996
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:	33.65960414
Longitude:	-117.8611056
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

EMI:

Year:	1990

KOLL CTR NEWPORT #10, A CALIF (Continued) **S100623108**

County Code:	30
Air Basin:	SC
Facility ID:	72657
Air District Name:	SC
SIC Code:	6552
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:	1
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:	1

Year:	1993
County Code:	30
Air Basin:	SC
Facility ID:	72657
Air District Name:	SC
SIC Code:	6552
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:	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:	72657
Air District Name:	SC
SIC Code:	6552
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:	1
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:	LTNKA
Reg Id:	083001619T

45
WNW
1/4-1/2
0.336 mi.
1772 ft.

BEACON BAY AUTO WASH
4200 BIRCH ST
NEWPORT BEACH, CA 92660

CA LUST **S101631429**
CA HIST UST **N/A**
CA FID UST
CA HIST CORTESE

Relative:
Lower

Actual:
48 ft.

LUST:

Region:	STATE
Global Id:	T0605901107
Latitude:	33.6662702
Longitude:	-117.8680457
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/13/2014
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083001459T
LOC Case Number:	90UT084
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605901107
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id:	T0605901107
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

Status History:

Global Id:	T0605901107
Status:	Completed - Case Closed
Status Date:	03/13/2014

Global Id:	T0605901107
Status:	Open - Case Begin Date
Status Date:	03/13/1990

Global Id:	T0605901107
Status:	Open - Eligible for Closure

BEACON BAY AUTO WASH (Continued) **S101631429**

Status Date: 12/06/2012

Global Id: T0605901107
Status: Open - Remediation
Status Date: 03/25/1997

Global Id: T0605901107
Status: Open - Verification Monitoring
Status Date: 05/10/2011

Global Id: T0605901107
Status: Open - Verification Monitoring
Status Date: 05/10/2011

Regulatory Activities:

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 07/14/2010
Action: Staff Letter

Global Id: T0605901107
Action Type: RESPONSE
Date: 03/05/2014
Action: Correspondence

Global Id: T0605901107
Action Type: RESPONSE
Date: 06/06/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0605901107
Action Type: RESPONSE
Date: 12/12/2012
Action: Request for Closure - Regulator Responded

Global Id: T0605901107
Action Type: REMEDIATION
Date: 08/31/2002
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605901107
Action Type: REMEDIATION
Date: 01/01/1994
Action: Free Product Removal

Global Id: T0605901107
Action Type: REMEDIATION
Date: 04/01/2002
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 05/16/2011
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT

BEACON BAY AUTO WASH (Continued) **S101631429**

Date: 04/19/2011
Action: File review

Global Id: T0605901107
Action Type: RESPONSE
Date: 06/15/1992
Action: Soil and Water Investigation Report

Global Id: T0605901107
Action Type: RESPONSE
Date: 08/25/2003
Action: Soil and Water Investigation Workplan

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 01/09/2014
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Staff Letter

Global Id: T0605901107
Action Type: RESPONSE
Date: 01/28/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 11/13/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 05/08/1992
Action: * Historical Enforcement

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 07/25/2003
Action: Warning Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 05/15/2007
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 12/21/2004
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 07/19/2005
Action: Staff Letter

BEACON BAY AUTO WASH (Continued) **S101631429**

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 12/17/2003
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 10/10/2006
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 12/09/2007
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 12/21/2007
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 09/10/2010
Action: File review

Global Id: T0605901107
Action Type: RESPONSE
Date: 01/29/2013
Action: Monitoring Report - Other

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 04/21/2008
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 03/13/2014
Action: Closure/No Further Action Letter

Global Id: T0605901107
Action Type: RESPONSE
Date: 01/03/2012
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605901107
Action Type: RESPONSE
Date: 08/11/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605901107
Action Type: Other
Date: 03/13/1990
Action: Leak Discovery

Global Id: T0605901107
Action Type: ENFORCEMENT

BEACON BAY AUTO WASH (Continued) **S101631429**

Date: 01/12/2009
Action: Staff Letter

Global Id: T0605901107
Action Type: ENFORCEMENT
Date: 04/17/2012
Action: Staff Letter

Global Id: T0605901107
Action Type: Other
Date: 03/13/1990
Action: Leak Reported

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 90UT084
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 03/13/2014
Record ID: RO0002883

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Remedial action (cleanup) Underway
Case Number: 083001459T
Local Case Num: 90UT084
Case Type: Other ground water affected
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: WAR
Funding: Not reported
How Discovered: UM
How Stopped: NPP
Leak Cause: Unknown
Leak Source: Piping
Global ID: T0605901107
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: 3/13/1990
Enforcement Date: Not reported
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: 3/25/1997
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: =
Soil Qualifies: Not reported
Operator: Not reported

BEACON BAY AUTO WASH (Continued) **S101631429**

Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6662702
Longitude:	-117.8680457
MTBE Date:	6/4/2003
Max MTBE GW:	6400
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	NOM
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST UST:

File Number:	0002E570
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E570.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:	30001017
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7146444460
Mail To:	Not reported

BEACON BAY AUTO WASH (Continued) **S101631429**

Mailing Address: 260 NEWPORT CENTER DR
Mailing Address 2: Not reported
Mailing City,St,Zip: NEWPORT BEACH 92660
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001459T

46
West
1/4-1/2
0.338 mi.
1785 ft.

AVIS RENT-A-CAR **CA HIST CORTESE** **S110060382**
4101 **N/A**
SANTA ANA, CA 92707

Relative:
Lower

Actual:
47 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083002802T

47
NNW
1/4-1/2
0.393 mi.
2073 ft.

TEXACO **CA LUST** **S101299862**
4678 CAMPUS **CA HIST CORTESE** **N/A**
NEWPORT BEACH, CA 92660

Relative:
Lower

Actual:
49 ft.

LUST:
Region: STATE
Global Id: T0605900321
Latitude: 33.6712909
Longitude: -117.864544
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/26/2002
Lead Agency: ORANGE COUNTY LOP
Case Worker: DB
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083000403T
LOC Case Number: 85UT098
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

TEXACO (Continued) **S101299862**

Global Id: T0605900321
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605900321
Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: tmbeke-ekanem@waterboards.ca.gov
Phone Number: 9513202007

Status History:
Global Id: T0605900321
Status: Completed - Case Closed
Status Date: 02/26/2002

Global Id: T0605900321
Status: Open - Case Begin Date
Status Date: 11/04/1985

Regulatory Activities:
Global Id: T0605900321
Action Type: REMEDIATION
Date: 11/01/1990
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605900321
Action Type: REMEDIATION
Date: 11/01/1990
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900321
Action Type: ENFORCEMENT
Date: 02/26/2002
Action: Closure/No Further Action Letter

Global Id: T0605900321
Action Type: Other
Date: 11/04/1985
Action: Leak Discovery

Global Id: T0605900321
Action Type: Other
Date: 11/04/1985
Action: Leak Reported

ORANGE CO. LUST:
Region: ORANGE

TEXACO (Continued) **S101299862**

Facility Id: 85UT098
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 02/26/2002
Record ID: RO0000777

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000403T
Local Case Num:	85UT098
Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900321
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:	11/4/1985
Enforcement Date:	Not reported
Close Date:	2/26/2002
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:	33.671486
Longitude:	-117.8646166
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:	TME
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported

TEXACO (Continued) **S101299862**

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: 083000403T

N48 **PRUDENTIAL (FORMER BECKMA** **CA LUST S101307787**
ENE **19000** **CA HIST CORTESE N/A**
1/4-1/2 **IRVINE, CA 92715**
0.434 mi.
2293 ft. **Site 1 of 2 in cluster N**

Relative:
Higher

Actual:
53 ft.

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Post remedial action monitoring
Case Number: 083001354T
Local Case Num: 90IC038
Case Type: Aquifer affected
Substance: Solvents
Qty Leaked: Not reported
Abate Method: GTEDVE
Cross Street: MACARTHUR
Enf Type: Cleanup and Abatement Orders
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605901027
How Stopped Date: Not reported
Enter Date: 9/23/1989
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: 1/3/1991
Discover Date: Not reported
Enforcement Date: 1/1/1965
Close Date: Not reported
Date Prelim Assessment Workplan Submitted: 10/18/1990
Date Pollution Characterization Began: 11/19/2003
Date Remediation Plan Submitted: 6/18/1992
Date Remedial Action Underway: 7/9/2003
Date Post Remedial Action Monitoring: 1/1/2004
Enter Date: 9/23/1989
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Yes
Oversite Program: LUST
Latitude: 33.6565189

PRUDENTIAL (FORMER BECKMA (Continued) **S101307787**

Longitude:	-117.8297357
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:	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: UPPER AQUIFER REMEDIATED & WELLS TO BE ABANDONED. REMEDIATION OF LOWER REMEDIATION CONTINUES.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001354T

49
WNW
1/4-1/2
0.436 mi.
2300 ft.

Relative:
Lower

Actual:
49 ft.

EDLER INDUSTRIES INC
2101 DOVE ST
NEWPORT BEACH, CA 92660

RCRA-SQG **1000210693**
CA LUST **CAD982487829**
CA UST
CA Orange Co. Industrial Site
FINDS
CA HAZNET
CA HIST CORTESE
ECHO

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	EDLER INDUSTRIES INC
Facility address:	2101 DOVE ST NEWPORT BEACH, CA 92660
EPA ID:	CAD982487829
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

EDLER INDUSTRIES INC (Continued) **1000210693**

Owner/Operator Summary:
Owner/operator name: EDLER PAUL & VERN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
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
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: 04/10/1990
Site name: EDLER INDUSTRIES INC
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

LUST:
Region: STATE
Global Id: T0605901228
Latitude: 33.6665459

EDLER INDUSTRIES INC (Continued) **1000210693**

Longitude:	-117.869412
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/18/1991
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083001620T
LOC Case Number:	90UT196
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605901228
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Global Id:	T0605901228
Contact Type:	Regional Board Caseworker
Contact Name:	PATRICIA HANNON
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	phannon@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0605901228
Status:	Completed - Case Closed
Status Date:	01/18/1991

Global Id:	T0605901228
Status:	Open - Case Begin Date
Status Date:	04/11/1990

Regulatory Activities:

Global Id:	T0605901228
Action Type:	Other
Date:	04/11/1990
Action:	Leak Discovery

Global Id:	T0605901228
Action Type:	Other
Date:	04/11/1990
Action:	Leak Reported

EDLER INDUSTRIES INC (Continued) **1000210693**

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	90UT196
Released Substance:	Waste oil/Used oil
Date Closed:	01/18/1991
Record ID:	RO0001612

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001620T
Local Case Num:	90UT196
Case Type:	Soil only
Substance:	Waste Oil
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:	T0605901228
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/11/1990
Enforcement Date:	Not reported
Close Date:	1/18/1991
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:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6668351
Longitude:	-117.8690947
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:	JK

EDLER INDUSTRIES INC (Continued) **1000210693**

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: 11246
Permitting Agency: ORANGE COUNTY
Latitude: 33.667891
Longitude: -117.868056

Orange Co. Industrial Site:
Case ID: 02IC003
Record ID: RO0003039
Current Status: CLOSED 4/15/2002
Closure Type: Closure certification issued
Released Chemical: WASTE (OR SLOP) OIL SOLVENTS-HALOGENATED

FINDS:

Registry ID: 110009546535

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.

HAZNET:
envid: 1000210693
Year: 2006
GEPAID: CAD982487829
Contact: PAUL ELDER
Telephone: 7149576221
Mailing Name: Not reported
Mailing Address: 20142 RIVERSIDE DRIVE
Mailing City,St,Zip: SANTA ANA, CA 927070000
Gen County: Not reported
TSD EPA ID: CAD009007626
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 3.37
Cat Decode: Asbestos containing waste
Method Decode: Disposal, Land Fill
Facility County: Orange

envid: 1000210693

EDLER INDUSTRIES INC (Continued) **1000210693**

Year:	2005
GEPAID:	CAD982487829
Contact:	PAUL ELDER
Telephone:	7149576221
Mailing Name:	Not reported
Mailing Address:	20142 RIVERSIDE DRIVE
Mailing City,St,Zip:	SANTA ANA, CA 927070000
Gen County:	Not reported
TSD EPA ID:	CAD009007626
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	5.89
Cat Decode:	Asbestos containing waste
Method Decode:	Disposal, Land Fill
Facility County:	Orange

envid:	1000210693
Year:	1999
GEPAID:	CAD982487829
Contact:	PAUL ELDER/ VERN ELDER
Telephone:	7149576221
Mailing Name:	Not reported
Mailing Address:	2101 DOVE ST
Mailing City,St,Zip:	NEWPORT BEACH, CA 926601905
Gen County:	Not reported
TSD EPA ID:	CAD099452708
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	2.0850
Cat Decode:	Waste oil and mixed oil
Method Decode:	Recycler
Facility County:	Orange

envid:	1000210693
Year:	1999
GEPAID:	CAD982487829
Contact:	PAUL ELDER/ VERN ELDER
Telephone:	7149576221
Mailing Name:	Not reported
Mailing Address:	2101 DOVE ST
Mailing City,St,Zip:	NEWPORT BEACH, CA 926601905
Gen County:	Not reported
TSD EPA ID:	CAD099452708
TSD County:	Not reported
Waste Category:	Oil/water separation sludge
Disposal Method:	Recycler
Tons:	5.3167
Cat Decode:	Oil/water separation sludge
Method Decode:	Recycler
Facility County:	Orange

envid:	1000210693
Year:	1997
GEPAID:	CAD982487829
Contact:	PAUL ELDER/ VERN ELDER

EDLER INDUSTRIES INC (Continued) **1000210693**

Telephone:	7149576221
Mailing Name:	Not reported
Mailing Address:	2101 DOVE ST
Mailing City,St,Zip:	NEWPORT BEACH, CA 926601905
Gen County:	Not reported
TSD EPA ID:	CAD099452708
TSD County:	Not reported
Waste Category:	Oil/water separation sludge
Disposal Method:	Recycler
Tons:	3.2109
Cat Decode:	Oil/water separation sludge
Method Decode:	Recycler
Facility County:	Orange

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

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001620T

ECHO:

Envid:	1000210693
Registry ID:	110009546535
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110009546535

N50 **IRVINE FACILITY** **CA LUST** **U001578420**
ENE **19000 JAMBOREE BLVD** **CA HIST UST** **N/A**
1/4-1/2 **IRVINE, CA 92713** **CA Orange Co. Industrial Site**
0.443 mi.
2341 ft. **Site 2 of 2 in cluster N**

Relative:
Higher

Actual:
51 ft.

LUST:

Region:	STATE
Global Id:	T0605901027
Latitude:	33.6683361862164
Longitude:	-117.851328849792
Case Type:	LUST Cleanup Site
Status:	Open - Verification Monitoring
Status Date:	01/01/2004
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Worker:	NOM
Local Agency:	Not reported
RB Case Number:	083001354T
LOC Case Number:	90IC038
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	* Solvents
Site History:	.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605901027
Contact Type:	Regional Board Caseworker

IRVINE FACILITY (Continued) **U001578420**

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

Status History:
Global Id: T0605901027
Status: Open - Case Begin Date
Status Date: 07/20/1987

Global Id: T0605901027
Status: Open - Remediation
Status Date: 09/27/1989

Global Id: T0605901027
Status: Open - Remediation
Status Date: 06/18/1992

Global Id: T0605901027
Status: Open - Remediation
Status Date: 06/11/2003

Global Id: T0605901027
Status: Open - Remediation
Status Date: 07/09/2003

Global Id: T0605901027
Status: Open - Site Assessment
Status Date: 10/18/1990

Global Id: T0605901027
Status: Open - Site Assessment
Status Date: 01/03/1991

Global Id: T0605901027
Status: Open - Site Assessment
Status Date: 07/21/1998

Global Id: T0605901027
Status: Open - Site Assessment
Status Date: 11/19/2003

Global Id: T0605901027
Status: Open - Verification Monitoring
Status Date: 01/01/2004

Regulatory Activities:
Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/11/2008
Action: Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT

IRVINE FACILITY (Continued) **U001578420**

Date: 04/15/2005
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 07/16/2003
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/09/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/07/1998
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/03/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/16/1998
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/19/1997
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/10/2000
Action: Staff Letter

Global Id: T0605901027
Action Type: RESPONSE
Date: 04/20/2012
Action: Monitoring Report - Other

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/11/2003
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 12/30/2002
Action: Other Report / Document - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 12/01/2003
Action: Soil and Water Investigation Workplan - Regulator Responded

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/11/2003
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/10/2004
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 03/07/2005
Action: Other Report / Document - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 11/19/2013
Action: Site Assessment Report - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/1997
Action: Request for Closure - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 12/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 04/29/2014
Action: Other Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/08/1990
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/02/1990
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE

IRVINE FACILITY (Continued) **U001578420**

Date: 02/02/1990
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 05/02/1990
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 12/09/1991
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/05/1990
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/05/1992
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/24/1992
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 08/06/1990
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 07/01/1987
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/18/2003
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/30/2016
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0605901027
Action Type: REMEDIATION
Date: 05/01/1995
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/24/2007

IRVINE FACILITY (Continued) **U001578420**

Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 09/25/2007
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/20/2001
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/23/1991
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/29/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/02/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/27/1990
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: RESPONSE
Date: 04/08/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/24/2003
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/28/2005
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/08/2004
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/02/2005
Action: * Verbal Communication

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/26/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/15/2013
Action: Meeting

Global Id: T0605901027
Action Type: RESPONSE
Date: 09/22/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/30/2015
Action: Remedial Progress Report

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/30/2015
Action: NPDES / WDR Reports

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/26/2003
Action: File review

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 11/18/2015
Action: Notice of Termination

Global Id: T0605901027
Action Type: RESPONSE
Date: 08/10/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: Other
Date: 07/20/1987
Action: Leak Stopped

Global Id: T0605901027
Action Type: RESPONSE
Date: 07/27/2015
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: ENFORCEMENT

IRVINE FACILITY (Continued) **U001578420**

Date: 03/11/2004
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/05/1994
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/19/2013
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 08/03/2005
Action: * No Action

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/06/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: RESPONSE
Date: 11/13/2012
Action: Monitoring Report - Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/12/2016
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/13/2004
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/12/2008
Action: Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/12/1991
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/30/1999
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/07/1990
Action: Technical Correspondence / Assistance / Other

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/16/2001
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/17/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 08/02/1999
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/01/1993
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: RESPONSE
Date: 03/15/2013
Action: Monitoring Report - Other

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/16/2014
Action: Email Correspondence

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/09/2014
Action: Email Correspondence

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/28/2005
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/12/2004
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/24/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/26/2003
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT

IRVINE FACILITY (Continued) **U001578420**

Date: 05/11/2007
Action: Verbal Enforcement

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/19/2003
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/19/2003
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/18/2003
Action: File review

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/30/2002
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 01/08/2003
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/07/2002
Action: File review

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 08/30/2002
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/10/2002
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/19/2013
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/09/1999
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/20/1994
Action: Staff Letter

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: REMEDIATION
Date: 10/22/2014
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605901027
Action Type: REMEDIATION
Date: 10/01/1998
Action: Excavation

Global Id: T0605901027
Action Type: REMEDIATION
Date: 07/01/1998
Action: Excavation

Global Id: T0605901027
Action Type: REMEDIATION
Date: 06/01/1993
Action: Excavation

Global Id: T0605901027
Action Type: REMEDIATION
Date: 03/01/1993
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605901027
Action Type: REMEDIATION
Date: 11/01/1987
Action: Other (Use Description Field)

Global Id: T0605901027
Action Type: REMEDIATION
Date: 01/01/1988
Action: Excavation

Global Id: T0605901027
Action Type: REMEDIATION
Date: 10/01/1987
Action: Excavation

Global Id: T0605901027
Action Type: REMEDIATION
Date: 04/01/1998
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605901027
Action Type: REMEDIATION
Date: 01/01/1988
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901027
Action Type: RESPONSE
Date: 05/02/2011
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE

IRVINE FACILITY (Continued) **U001578420**

Date: 07/30/2014
Action: Monitoring Report - Other

Global Id: T0605901027
Action Type: RESPONSE
Date: 11/21/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/19/1997
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 07/15/1997
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/29/1990
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 08/03/1992
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/24/2004
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/03/2005
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/23/2004
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/30/2002
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/05/2004
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/29/2004
Action: * Verbal Communication

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 01/02/2004
Action: * No Action

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/16/1994
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 11/06/1987
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 11/03/1986
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/23/2013
Action: Meeting

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/02/1990
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 08/03/1987
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 05/16/2014
Action: Waste Discharge Requirements

Global Id: T0605901027
Action Type: RESPONSE
Date: 11/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 04/04/2005
Action: * Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/02/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT

IRVINE FACILITY (Continued) **U001578420**

Date: 03/07/2008
Action: Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/07/2002
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 07/03/2009
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/17/2001
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/03/2003
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/16/1993
Action: Staff Letter

Global Id: T0605901027
Action Type: RESPONSE
Date: 01/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0605901027
Action Type: Other
Date: 07/20/1987
Action: Leak Discovery

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/25/2013
Action: Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 01/01/1994
Action: Clean-up and Abatement Order

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/05/2008
Action: Verbal Communication

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 06/23/2008
Action: Verbal Communication

IRVINE FACILITY (Continued) **U001578420**

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 12/31/2003
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/17/1992
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/09/1993
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 02/25/1992
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 09/20/1991
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 03/17/1992
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 11/13/1998
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/16/1998
Action: Staff Letter

Global Id: T0605901027
Action Type: ENFORCEMENT
Date: 10/09/1987
Action: Clean-up and Abatement Order

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: Other
Date: 07/20/1987
Action: Leak Reported

Global Id: T0605901027
Action Type: RESPONSE

IRVINE FACILITY (Continued) **U001578420**

Date: 12/30/2003
Action: NPDES / WDR Reports

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 08/09/2016
Action: Email Correspondence

Global Id: T0605901027
Action Type: RESPONSE
Date: 07/30/2003
Action: Remedial Progress Report

Global Id: T0605901027
Action Type: RESPONSE
Date: 06/30/2003
Action: Remedial Progress Report

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/27/2004
Action: Unknown

Global Id: T0605901027
Action Type: RESPONSE
Date: 02/27/2004
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605901027
Action Type: RESPONSE
Date: 10/04/2004
Action: Monitoring Report - Quarterly

HIST UST:
File Number: 0002E60C
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E60C.pdf
Region: STATE
Facility ID: 00000019361
Facility Type: Gas Station
Other Type: INSTRUMENT MFG.
Contact Name: Not reported
Telephone: 7144765554
Owner Name: BECKMAN INSTRUMENTS
Owner Address: 2500 HARBOR BLVD
Owner City,St,Zip: FULLERTON, CA 92634
Total Tanks: 0003

IRVINE FACILITY (Continued) **U001578420**

Tank Num: 001
Container Num: 2
Year Installed: 1980
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 3
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 1
Year Installed: 1974
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

Click here for Geo Tracker PDF:

Orange Co. Industrial Site:
Case ID: 91IC038
Record ID: RO0000324
Current Status: OPEN
Closure Type: Not reported
Released Chemical: PERCHLOROETHYLENE

Case ID: 92IC004
Record ID: RO0000387
Current Status: CLOSED 4/5/1994
Closure Type: Closure certification issued
Released Chemical: PERCHLOROETHYLENE

O51 **TALLMANTZ-COUNTY OF ORANGE** **CA LUST** **U001578343**
NW **19711 AIRPORT S** **CA UST** **N/A**
1/4-1/2 **SANTA ANA, CA 92707** **CA HIST UST**
0.446 mi. **CA HIST CORTESE**
2353 ft. **Site 1 of 6 in cluster O**

Relative:
Lower

Actual:
49 ft.

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000566T
Local Case Num: 93UT094
Case Type: Aquifer affected
Substance: Solvents

TALLMANTZ-COUNTY OF ORANGE (Continued) **U001578343**

Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	CAMPUS
Enf Type:	MRP
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605900452
How Stopped Date:	Not reported
Enter Date:	7/21/1987
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	1/7/2003
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	7/20/1987
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	7/21/1987
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6694901
Longitude:	-117.8681747
MTBE Date:	3/1/2000
Max MTBE GW:	1
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	RS
Staff Initials:	AR
Lead Agency:	Regional Board
Local Agency:	30000L
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

UST:

Facility ID:	12783
Permitting Agency:	ORANGE COUNTY
Latitude:	33.70597
Longitude:	-117.86808

HIST UST:

TALLMANTZ-COUNTY OF ORANGE (Continued) **U001578343**

File Number: 0002EEB6
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EEB6.pdf
Region: STATE
Facility ID: 00000011768
Facility Type: Gas Station
Other Type: AIRPORT-RETAIL
Contact Name: WILLIAM SWARTS
Telephone: 7145451193
Owner Name: TALLMANTZ AVIATION,INC.
Owner Address: 19711 AIRPORT WAY SOUTH
Owner City,St,Zip: SANTA ANA, CA 92707
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: 1970
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 0.302
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1970
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 0.302
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1970
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 0.302
Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

HIST CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000566T

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001699T

P52 **SIGNATURE FLIGHT SUPPORT** **RCRA-SQG** **1000412264**
NW **19301 CAMPUS DR** **CA LUST** **CAD981385164**
1/4-1/2 **SANTA ANA, CA 92707** **CA SWEEPS UST**
0.449 mi. **CA HIST UST**
2369 ft. **Site 1 of 2 in cluster P** **CA FID UST**
CA HAZNET
Relative: **CA HIST CORTESE**
Lower

Actual: **50 ft.**

RCRA-SQG:

Date form received by agency:	07/12/1999
Facility name:	SIGNATURE FLIGHT SUPPORT
Facility address:	19301 CAMPUS DR SANTA ANA, CA 927075234
EPA ID:	CAD981385164
Contact:	GARY POTTER
Contact address:	19301 CAMPUS DR SANTA ANA, CA 927075234
Contact country:	US
Contact telephone:	(949) 263-5847
Contact email:	Not reported
EPA Region:	09
Land type:	County
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:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	BBA GROUP PLC
Owner/operator address:	70 FLLET ST 6TH FLOOR LONDON, GB EC4Y
Owner/operator country:	Not reported
Owner/operator telephone:	(011) 441-7184
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

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

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

Historical Generators:
Date form received by agency: 03/30/1992
Site name: MARTIN AVIATION
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 02/15/1991
Date achieved compliance: 02/15/1996
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 - 262.50-60
Area of violation: Generators - General
Date violation determined: 02/15/1991
Date achieved compliance: 02/15/1996
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: 02/15/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/15/1996
Evaluation lead agency: EPA

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Evaluation date: 02/15/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/15/1996
Evaluation lead agency: EPA

LUST:
Region: STATE
Global Id: T0605902296
Latitude: 33.6652287727402
Longitude: -117.873387336731
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 09/14/2010
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Worker: RS
Local Agency: SANTA ANA, CITY OF
RB Case Number: 083003488T
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Aviation
Site History: Part of Orange County Airport Fuel Farm Cleanup.

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0605902296
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rscott@waterboards.ca.gov
Phone Number: 9513206375

Status History:
Global Id: T0605902296
Status: Open - Case Begin Date
Status Date: 11/23/1998

Global Id: T0605902296
Status: Open - Remediation
Status Date: 09/14/2010

Global Id: T0605902296
Status: Open - Remediation
Status Date: 09/14/2010

Global Id: T0605902296
Status: Open - Site Assessment
Status Date: 11/23/1998

Global Id: T0605902296
Status: Open - Site Assessment
Status Date: 12/16/1998

Global Id: T0605902296

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Status: Open - Verification Monitoring
Status Date: 06/06/2008

Regulatory Activities:
Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 02/09/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 01/29/2009
Action: Verbal Enforcement

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 03/03/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0605902296
Action Type: RESPONSE
Date: 01/30/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 07/10/2011
Action: File review

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 01/19/2012
Action: File review

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 08/28/2015
Action: File review

Global Id: T0605902296
Action Type: Other
Date: 11/23/1998
Action: Leak Stopped

Global Id: T0605902296
Action Type: REMEDIATION
Date: 08/16/2010
Action: Free Product Removal

Global Id: T0605902296
Action Type: Other
Date: 11/23/1998
Action: Leak Began

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 10/09/2012

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Action: File review

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 08/20/2014
Action: File review

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 03/23/2011
Action: Verbal Enforcement

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 05/12/2008
Action: Verbal Enforcement

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 05/12/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0605902296
Action Type: RESPONSE
Date: 01/30/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0605902296
Action Type: RESPONSE
Date: 01/30/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 10/02/2013
Action: File review

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter

Global Id: T0605902296
Action Type: ENFORCEMENT
Date: 09/09/2010
Action: File review

Global Id: T0605902296
Action Type: Other
Date: 11/23/1998
Action: Leak Discovery

Global Id: T0605902296
Action Type: Other
Date: 12/31/1998
Action: Leak Reported

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083000210T
Local Case Num:	86UT176
Case Type:	Aquifer affected
Substance:	Kerosene
Qty Leaked:	750
Abate Method:	Not reported
Cross Street:	BRISTOL
Enf Type:	None Taken
Funding:	State Funds
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	Overfill
Leak Source:	Piping
Global ID:	T0605900160
How Stopped Date:	Not reported
Enter Date:	12/31/1986
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	10/13/1986
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	5/12/1988
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	2/20/1987
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	12/31/1986
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7112496
Longitude:	-117.8713626
MTBE Date:	10/3/2000
Max MTBE GW:	410
MTBE Concentration:	2
Max MTBE Soil:	.05
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	B
Staff:	RS
Staff Initials:	AR
Lead Agency:	Regional Board
Local Agency:	30000L
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: CLEAN-UP OPERATION BEGAN WITHIN HOURS OF SPILL.

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

SWEEPS UST:

Status:	Active
Comp Number:	12833
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:	30-000-012833-000001
Tank Status:	A
Capacity:	600
Active Date:	Not reported
Tank Use:	PETROLEUM
STG:	P
Content:	Not reported
Number Of Tanks:	5

Status:	Active
Comp Number:	12833
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:	30-000-012833-000002
Tank Status:	A
Capacity:	30000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	AVIA. GAS
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	12833
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:	30-000-012833-000003
Tank Status:	A
Capacity:	30000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	AVIA. GAS
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	12833
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-012833-000004
Tank Status: A
Capacity: 20000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: AVIA. GAS
Number Of Tanks: Not reported

Status: Active
Comp Number: 12833
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: 30-000-012833-000005
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: AVIA. GAS
Number Of Tanks: Not reported

HIST UST:
File Number: 0002EB19
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EB19.pdf
Region: STATE
Facility ID: 00000029812
Facility Type: Gas Station
Other Type: Not reported
Contact Name: R.F. CLARK
Telephone: 7148528300
Owner Name: MARTIN AVIATION
Owner Address: 1933 1 AIRPORT WAY SO
Owner City,St,Zip: SANTA ANA, CA 92707
Total Tanks: 0010

Tank Num: 001
Container Num: AV-2
Year Installed: 1967
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: STD
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: MO TANK
Year Installed: 1967
Tank Capacity: 00000000
Tank Used for: PRODUCT

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Type of Fuel:	REGULAR
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	JET #1
Year Installed:	1967
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	JET - 2
Year Installed:	1969
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	JET #3
Year Installed:	1969
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	006
Container Num:	JET 4
Year Installed:	1981
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	007
Container Num:	JET 5
Year Installed:	1981
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor
Tank Num:	008
Container Num:	SUMP
Year Installed:	1969
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	STD
Leak Detection:	Stock Inventor

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Tank Num: 009
Container Num: AV-1
Year Installed: 1967
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: STD
Leak Detection: Stock Inventor

Tank Num: 010
Container Num: 00100
Year Installed: 1982
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 12
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 30017445
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148528300
Mail To: Not reported
Mailing Address: ATTN: MIKE MULLINS 1
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

Facility ID: 30017698
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: ATTN: MIKE MULLINS 1
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

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

HAZNET:

envid:	1000412264
Year:	2014
GEPAID:	CAD981385164
Contact:	JULIE BRODERICK,
Telephone:	9499304804
Mailing Name:	Not reported
Mailing Address:	19301 CAMPUS DR SUITE 100
Mailing City,St,Zip:	SANTA ANA, CA 927075234
Gen County:	Orange
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.817
Cat Decode:	Waste oil and mixed oil
Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Orange

envid:	1000412264
Year:	2014
GEPAID:	CAD981385164
Contact:	JULIE BRODERICK,
Telephone:	9499304804
Mailing Name:	Not reported
Mailing Address:	19301 CAMPUS DR SUITE 100
Mailing City,St,Zip:	SANTA ANA, CA 927075234
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:	1.6968
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:	1000412264
Year:	2014
GEPAID:	CAD981385164
Contact:	JULIE BRODERICK,
Telephone:	9499304804
Mailing Name:	Not reported
Mailing Address:	19301 CAMPUS DR SUITE 100
Mailing City,St,Zip:	SANTA ANA, CA 927075234
Gen County:	Orange
TSD EPA ID:	ARD981057870
TSD County:	99
Waste Category:	Other organic solids
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.325
Cat Decode:	Other organic solids
Method Decode:	Fuel Blending Prior To Energy Recovery At Another Site

SIGNATURE FLIGHT SUPPORT (Continued) **1000412264**

Facility County: Orange

envid: 1000412264
Year: 2013
GEPAID: CAD981385164
Contact: JULIE BRODERICK, GENERAL MGR
Telephone: 9499304841
Mailing Name: Not reported
Mailing Address: 19301 CAMPUS DR SUITE 100
Mailing City,St,Zip: SANTA ANA, CA 927075234
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: 0.817
Cat Decode: Not reported
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: Not reported

envid: 1000412264
Year: 2013
GEPAID: CAD981385164
Contact: JULIE BRODERICK, GENERAL MGR
Telephone: 9499304841
Mailing Name: Not reported
Mailing Address: 19301 CAMPUS DR SUITE 100
Mailing City,St,Zip: SANTA ANA, CA 927075234
Gen County: Orange
TSD EPA ID: ARD981057870
TSD County: 99
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.75
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Not reported

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

HIST CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000210T

P53 **MARTIN AVIATION, L.P.** **CA LUST** **S104574118**
NW **19301 CAMPUS DR** **CA EMI** **N/A**
1/4-1/2 **SANTA ANA, CA 92707** **CA HIST CORTESE**
0.449 mi.
2369 ft. **Site 2 of 2 in cluster P**

Relative:
Lower

Actual:
50 ft.

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Preliminary site assessment underway
Case Number:	083003488T
Local Case Num:	Not reported
Case Type:	Other ground water affected
Substance:	Jet Fuel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	QUAIL
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	Overfill
Leak Source:	Tank
Global ID:	T0605902296
How Stopped Date:	Not reported
Enter Date:	6/15/1999
Date Confirmation of Leak Began:	11/23/1998
Date Preliminary Assessment Began:	12/16/1998
Discover Date:	11/23/1998
Enforcement Date:	Not reported
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:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	6/15/1999
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.671187
Longitude:	-117.8661206
MTBE Date:	3/1/2000
Max MTBE GW:	200
MTBE Concentration:	2
Max MTBE Soil:	.22
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	C
Staff:	RS
Staff Initials:	JB
Lead Agency:	Regional Board
Local Agency:	Santa Ana, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported

MARTIN AVIATION, L.P. (Continued) **S104574118**

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: AT ORANGE CO. AIRPORT

EMI:

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	84479
Air District Name:	SC
SIC Code:	4581
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:	1995
County Code:	30
Air Basin:	SC
Facility ID:	84479
Air District Name:	SC
SIC Code:	4581
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 Smllr Tons/Yr:	0

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083003488T

O54 **MARTIN AVIATION INC.** **CA EMI** **S100178912**
NW **19801 AIRPORT WAY SOUTH** **CA Notify 65** **N/A**
1/4-1/2 **SANTA ANA, CA 90603**
0.455 mi.
2402 ft. **Site 2 of 6 in cluster O**

Relative:
Lower

Actual:
49 ft.

EMI:

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	63657

MARTIN AVIATION INC. (Continued) **S100178912**

Air District Name:	SC
SIC Code:	8249
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:	5
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

NOTIFY 65:

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

O55 **PAN WESTERN - COUNTY OF ORANGE** **CA LUST** **S101588969**
NW **19711 S AIRPORT WAY** **CA SWEEPS UST** **N/A**
1/4-1/2 **SANTA ANA, CA 92707** **CA FID UST**
0.457 mi.
2415 ft. **Site 3 of 6 in cluster O**

Relative:
Lower

Actual:
49 ft.

LUST:

Region:	STATE
Global Id:	T0605900452
Latitude:	33.6694901
Longitude:	-117.8681747
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/07/2003
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Worker:	RS
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083000566T
LOC Case Number:	93UT094
File Location:	Regional Board
Potential Media Affect:	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:

Contact:

Global Id:	T0605900452
Contact Type:	Local Agency Caseworker
Contact Name:	KEVIN LAMBERT
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E DYER ROAD SUITE 120
City:	SANTA ANA
Email:	klambert@ochca.com
Phone Number:	7144336261

PAN WESTERN - COUNTY OF ORANGE (Continued) **S101588969**

Global Id: T0605900452
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rscott@waterboards.ca.gov
Phone Number: 9513206375

Status History:
Global Id: T0605900452
Status: Completed - Case Closed
Status Date: 01/07/2003

Global Id: T0605900452
Status: Open - Case Begin Date
Status Date: 07/20/1987

Global Id: T0605900452
Status: Open - Site Assessment
Status Date: 07/20/1987

Regulatory Activities:
Global Id: T0605900452
Action Type: REMEDIATION
Date: 11/17/1994
Action: Excavation

Global Id: T0605900452
Action Type: REMEDIATION
Date: 04/01/2000
Action: Monitored Natural Attenuation

Global Id: T0605900452
Action Type: ENFORCEMENT
Date: 01/07/2003
Action: Closure/No Further Action Letter

Global Id: T0605900452
Action Type: ENFORCEMENT
Date: 08/21/2003
Action: Meeting

Global Id: T0605900452
Action Type: Other
Date: 09/11/1988
Action: Leak Reported

Global Id: T0605900452
Action Type: ENFORCEMENT
Date: 08/21/2002
Action: * Verbal Communication

Global Id: T0605900452
Action Type: RESPONSE
Date: 09/30/2002

PAN WESTERN - COUNTY OF ORANGE (Continued) **S101588969**

Action: Monitoring Report - Quarterly

Global Id: T0605900452
Action Type: RESPONSE
Date: 03/30/2003
Action: Monitoring Report - Quarterly

SWEEPS UST:
Status: Active
Comp Number: 12783
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: 30-000-012783-000001
Tank Status: A
Capacity: 20000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 3

Status: Active
Comp Number: 12783
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: 30-000-012783-000002
Tank Status: A
Capacity: 20000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 12783
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: 30-000-012783-000003
Tank Status: A
Capacity: 20000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P

PAN WESTERN - COUNTY OF ORANGE (Continued) **S101588969**

Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 30000643
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 3151 AIRWAY BLDG M3 ATTN:
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

Q56 **MALLINCKRODT MEDICAL** **SEMS-ARCHIVE** **1015732752**
NE **18691 JAMBOREE RD** **CORRACTS** **CAD058231598**
1/4-1/2 **IRVINE, CA** **RCRA-TSDF**
0.468 mi. **US INST CONTROL**
2473 ft. **Site 1 of 4 in cluster Q** **RCRA NonGen / NLR**
US FIN ASSUR

Relative:
Lower

Actual:
47 ft.

SEMS-ARCHIVE:
Site ID: 900218
EPA ID: CAD058231598
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0900218
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13289301.00000
Person ID: 13003854.00000

Contact Sequence ID: 13294896.00000
Person ID: 13003858.00000

Contact Sequence ID: 13300754.00000
Person ID: 13004003.00000

Program Priority:
Description: RCRA Deferral - Lead Confirmed

MALLINCKRODT MEDICAL (Continued) **1015732752**

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	01/01/91
Priority Level:	Not reported

Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	08/09/91
Priority Level:	Deferred to RCRA (Subtitle C)

Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	01/23/96
Priority Level:	Not reported

CORRACTS:

EPA ID:	CAD058231598
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	19880801
Action:	CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment
NAICS Code(s):	Not reported
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	CAD058231598
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	19910101
Action:	CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s):	Not reported
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	CAD058231598
EPA Region:	09
Area Name:	JAMBOREE
Actual Date:	19940101
Action:	CA200 - RFI Approved
NAICS Code(s):	Not reported
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	CAD058231598
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	19940101
Action:	CA100 - RFI Imposition
NAICS Code(s):	Not reported
Original schedule date:	Not reported
Schedule end date:	Not reported

MALLINCKRODT MEDICAL (Continued) **1015732752**

EPA ID: CAD058231598
EPA Region: 09
Area Name: TELLER
Actual Date: 19940101
Action: CA200 - RFI Approved
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930901
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: JAMBOREE
Actual Date: 20130802
Action: CA300 - CMS Workplan Approved
NAICS Code(s): Not reported
Original schedule date: 20121031
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: TELLER
Actual Date: 20121203
Action: CA500 - CMI Workplan Approved
NAICS Code(s): Not reported
Original schedule date: 20120801
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19971204
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19971204
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598

MALLINCKRODT MEDICAL (Continued) **1015732752**

EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19971204
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19971204
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): Not reported
Original schedule date: 19971204
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19971204
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): Not reported
Original schedule date: 19971204
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: TELLER
Actual Date: 20140708
Action: CA772PR
NAICS Code(s): Not reported
Original schedule date: 20140904
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: JAMBOREE
Actual Date: 20101214
Action: CA260 - CMS Workplan Received
NAICS Code(s): Not reported
Original schedule date: 20110101
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: JAMBOREE
Actual Date: 20101214

MALLINCKRODT MEDICAL (Continued) **1015732752**

Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): Not reported
Original schedule date: 20110113
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: TELLER
Actual Date: 20070614
Action: CA200 - RFI Approved
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910719
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

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910719
Action: CA074LO
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910719
Action: CA050 - RFA Completed
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910719
Action: CA029WQ
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910719
Action: CA049PA
NAICS Code(s): Not reported

MALLINCKRODT MEDICAL (Continued) **1015732752**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20080626
Action: CA100 - RFI Imposition
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20130626
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): Not reported
Original schedule date: 20130819
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20130626
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): Not reported
Original schedule date: 20130730
Schedule end date: Not reported

EPA ID: CAD058231598
EPA Region: 09
Area Name: JAMBOREE
Actual Date: 20140529
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 09/01/1996
Facility name: MALLINCKRODT MEDICAL
Facility address: 18691 JAMBOREE RD
IRVINE, CA 92612
EPA ID: CAD058231598
Contact: JANA HONEYMAN
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 714-504-8131
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous

MALLINCKRODT MEDICAL (Continued) **1015732752**

waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: XEROX CORPORATION
Owner/operator address: XEROX SQUARE
CITY NOT REPORTED, NY 99999
Owner/operator country: Not reported
Owner/operator telephone: (716) 422-1000
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MALLINCKRODT MEDICAL INC
Owner/operator address: 675 MCDONNELL BLVD
HAZELWOOD, MO 63042
Owner/operator country: Not reported
Owner/operator telephone: (314) 895-2000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: 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: 03/08/1995
Site name: MALLINCKRODT MEDICAL
Classification: Not a generator, verified

Date form received by agency: 05/02/1994
Site name: XEROX CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/27/1990
Site name: XEROX CORPORATION IRVINE CRC
Classification: Large Quantity Generator

MALLINCKRODT MEDICAL (Continued) **1015732752**

Corrective Action Summary:

Event date:	08/01/1988
Event:	Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).
Event date:	01/01/1991
Event:	Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
Event date:	07/19/1991
Event:	CA074LO
Event date:	07/19/1991
Event:	CA029WQ
Event date:	07/19/1991
Event:	RFA Completed
Event date:	07/19/1991
Event:	CA049PA
Event date:	07/19/1991
Event:	CA Prioritization, Facility or area was assigned a low corrective action priority.
Event date:	09/01/1993
Event:	Stabilization Construction Completed
Event date:	01/01/1994
Event:	RFI Approved
Event date:	01/01/1994
Event:	RFI Imposition
Event date:	12/04/1997
Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event date:	12/04/1997
Event:	Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event date:	12/04/1997
Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are

MALLINCKRODT MEDICAL (Continued) **1015732752**

expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 12/04/1997
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 12/04/1997
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 06/14/2007
Event: RFI Approved

Event date: 06/26/2008
Event: RFI Imposition

Event date: 12/14/2010
Event: CMS Workplan Received

Event date: 12/14/2010
Event: CMS Workplan Modification Requested By Agency

Event date: 12/03/2012
Event: CMI Workplan Approved

Event date: 06/26/2013
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 06/26/2013
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been

MALLINCKRODT MEDICAL (Continued) **1015732752**

determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 08/02/2013
Event: CMS Workplan Approved

Event date: 05/29/2014
Event: Date For Public Notice On Proposed Remedy

Event date: 07/08/2014
Event: CA772PR

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 11/17/2003
Date achieved compliance: 03/10/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/17/2003
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

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 11/07/1994
Date achieved compliance: 11/07/1994
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: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 03/16/1989
Date achieved compliance: 05/11/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/28/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

MALLINCKRODT MEDICAL (Continued) **1015732752**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/16/1989
Date achieved compliance: 05/11/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/28/1989
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: Not reported
Area of violation: LDR - General
Date violation determined: 03/16/1989
Date achieved compliance: 05/11/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/28/1989
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: 04/20/2004
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/17/2003
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/10/2004
Evaluation lead agency: State

Evaluation date: 09/29/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/07/1994
Evaluation lead agency: State

Evaluation date: 03/20/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/16/1989

MALLINCKRODT MEDICAL (Continued) **1015732752**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/11/1989
Evaluation lead agency: State

Evaluation date: 03/16/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 05/11/1989
Evaluation lead agency: State

Evaluation date: 03/16/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/11/1989
Evaluation lead agency: State

US INST CONTROL:
EPA ID: CAD058231598
Site ID: Not reported
Name: MALLINCKRODT MEDICAL
Action Name: Not reported
Address: 18691 JAMBOREE RD
IRVINE, CA 92612
EPA Region: 9
County: ORANGE
Event Code: CA772PR
Inst. Control: Not reported
Actual Date: 07/08/2014
Complet. Date: 01/01/1900
Operable Unit: Not reported
Contaminated Media : Not reported
Contact Name : JANA HONEYMAN
Contact Phone and Ext : 714-504-8131
Latitude : Not reported
Longitude : Not reported
Event Code Description: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL
GIS Lat/Long Sequence: Not reported
GIS Sequence: Not reported

US FIN ASSUR:
EPA ID: CAD058231598
Provider: MALLINCKRODT MEDICAL
EPA region: 9
County: Not reported
Mechanism type: FINANCIAL TEST
Mechanism ID: FT0003
Cost estimate: 2000000
Face value: 801480
Effective date: 2006-03-22 00:00:00

EPA ID: CAD058231598
Provider: STATE STREET BANK
EPA region: 9
County: Not reported
Mechanism type: TRUST FUND (PAY-IN-TRUST)
Mechanism ID: 04Y6

MALLINCKRODT MEDICAL (Continued) **1015732752**

Cost estimate: 778017
Face value: 801480
Effective date: 2002-04-30 00:00:00

Q57 **XEROX CORPORATION IRVINE CRC** **CA ENVIROSTOR** **S103965748**
NE **18691 JAMBOREE BLVD** **CA SLIC** **N/A**
1/4-1/2 **IRVINE, CA 92715** **CA DEED**
0.468 mi. **CA Cortese**
2473 ft. **Site 2 of 4 in cluster Q** **CA EMI**
CA ENF
Relative: **CA Financial Assurance**
Lower **CA HIST CORTESE**
CA NPDES
Actual: **CA ICE**
47 ft.

ENVIROSTOR:
Facility ID: 80001430
Status: Active
Status Date: 01/01/2008
Site Code: 400423
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 13
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Steven Rounds
Supervisor: Allan Plaza
Division Branch: Cleanup Chatsworth
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.66972
Longitude: -117.8512
APN: 445-102-02
Past Use: ABOVE GROUND STORAGE TANKS, DEGREASING FACILITY, MAINTENANCE / CLEANING
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: SOIL, SV
Alias Name: 445-102-02
Alias Type: APN
Alias Name: CAD058231598
Alias Type: EPA Identification Number
Alias Name: 400423
Alias Type: Project Code (Site Code)
Alias Name: 80001430
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: Correspondence
Completed Date: 01/19/2016
Comments: Not reported

XEROX CORPORATION IRVINE CRC (Continued) **S103965748**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/06/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/28/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 01/01/1991
Comments: Not reported

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 09/01/1993
Comments: Not reported

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 07/19/1991
Comments: Not reported

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 01/01/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 08/01/1988
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: Corrective Measures Study Workplan
Completed Date: 08/02/2013
Comments: Letter sent to facility.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: Corrective Measure Implementation Workplan
Completed Date: 12/03/2012
Comments: Letter sent to facility.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: RFI Report

XEROX CORPORATION IRVINE CRC (Continued) **S103965748**

Completed Date: 06/14/2007
Comments: RFI completed. Facility to submit CMS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/19/2010
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: Public Notice
Completed Date: 05/29/2014
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: Fact Sheets
Completed Date: 06/05/2014
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/11/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2015
Comments: Completed

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/30/2016
Comments: Not reported

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 12/04/1997
Comments: Not reported

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 06/26/2008
Comments: Not reported

XEROX CORPORATION IRVINE CRC (Continued) **S103965748**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 07/19/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 07/19/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/04/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 12/04/1997
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TELLER
Completed Document Type: Land Use Restriction
Completed Date: 07/08/2014
Comments: LUC signed and sent to facility for filiing

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 06/26/2013
Comments: EI is met.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 06/26/2013
Comments: EI is met.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: JAMBOREE
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 08/15/2014
Comments: Completed.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedy Constructed
Future Due Date: 2017
Schedule Area Name: Sites With No Operable Unit
Schedule Sub Area Name: TELLER
Schedule Document Type: Remedy Selection and Statement of Basis
Schedule Due Date: 07/29/2016
Schedule Revised Date: Not reported

XEROX CORPORATION IRVINE CRC (Continued) **S103965748**

Schedule Area Name: Jamboree
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 06/26/2017
Schedule Revised Date: Not reported

SLIC:
Region: STATE
Facility Status: Open - Remediation
Status Date: 02/09/2010
Global Id: SL208033858
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.6709434695313
Longitude: -117.850577831268
Case Type: Cleanup Program Site
Case Worker: RS
Local Agency: Not reported
RB Case Number: SL208033858
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History: Long term monitoring required.

Click here to access the California GeoTracker records for this facility:

DEED:
Envirostor ID: 80001430
Area: Not reported
Sub Area: TELLER
Site Type: CORRECTIVE ACTION
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/08/2014

CORTESE:
Region: CORTESE
Envirostor Id: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: 08/14/1987
Region 2: 8
WID Id: 8 302521001
Solid Waste Id No: Not reported

XEROX CORPORATION IRVINE CRC (Continued) **S103965748**

Waste Management Uit Name: Not reported

EMI:

Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	21951
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:	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

ENF:

Region:	8
Facility Id:	228361
Agency Name:	Xerox Corporation
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
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:	0.144
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

XEROX CORPORATION IRVINE CRC (Continued) **S103965748**

# Of Programs:	1
WDID:	8 302521001
Reg Measure Id:	205913
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:	10/14/1988
Effective Date:	08/14/1987
Expiration/Review Date:	Not reported
Termination Date:	12/19/1996
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):	223919
Region:	8
Order / Resolution Number:	87-047
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/13/1987
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	CAO 87-047 for Xerox Corp
Description:	GW CLEANUP
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CA Financial Assurance 1:

EPA ID Number:	CAD058231598/80001430
Sudden Amount1:	$2,000,000.00
Non Sudden Amount1:	Not reported
Closure Mechanism:	Not reported

XEROX CORPORATION IRVINE CRC (Continued) **S103965748**

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:	FT
Sudden Mechanism Amount:	$1,000,000.00
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

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	WBC&D
Reg Id:	8 302521001

NPDES:

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	467427
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30C375038
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/07/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Trammell Crow Company
Discharge Address:	3501 Jamboree Rd Suite 230
Discharge City:	Newport Beach
Discharge State:	California
Discharge Zip:	92660
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

XEROX CORPORATION IRVINE CRC (Continued) **S103965748**

OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

Npdes Number:	CAS000002
Facility Status:	Terminated
Agency Id:	0
Region:	8
Regulatory Measure Id:	448437
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30C370555
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/12/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	12/07/2015
Discharge Name:	Xerox Corporation
Discharge Address:	800 Phillips Road
Discharge City:	Webster
Discharge State:	New York

XEROX CORPORATION IRVINE CRC (Continued) **S103965748**

Discharge Zip:	14580
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
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

XEROX CORPORATION IRVINE CRC (Continued) **S103965748**

ICE:
Envirostor ID: 3000969
EPA ID: CAD058231598
Site Type: INSPECTION
Facility Status: No Action

Inspection:
Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 11/17/2003
Violation Class: Class 2
RTC Date: 03/10/2004

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 04/20/2004
Violation Class: No Violations
RTC Date: Not reported

Q58 **MALLINCKRODT MEDICAL** **FINDS** **1000344160**
NE **18691 JAMBOREE RD** **CA HWP** **N/A**
1/4-1/2 **IRVINE, CA 92612** **ECHO**
0.468 mi.
2473 ft. **Site 3 of 4 in cluster Q**

Relative:
Lower

Actual:
47 ft.

FINDS:

Registry ID: 110000913432

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.

HWP:
EPA Id: CAD058231598
Cleanup Status: CLOSED
Latitude: 33.66907
Longitude: -117.8517
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: 400423
Assembly District: 74
Senate District: 37
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

MALLINCKRODT MEDICAL (Continued) **1000344160**

EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 06/22/1987

EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date: 06/26/1985

Closure:
EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 08/26/2008

EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 07/19/1988

Alias:
EPA Id: CAD058231598
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 400423

ECHO:
Envid: 1000344160
Registry ID: 110000913432
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110000913432

Q59 **XEROX CORPORATION** **CA SLIC** **S108985890**
NE **18691 JAMBOREE ROAD** **N/A**
1/4-1/2 **IRVINE, CA**
0.468 mi.
2473 ft. **Site 4 of 4 in cluster Q**

Relative:
Lower

Actual:
47 ft.

SLIC REG 8:
Type: Soil and Groundwater
Facility Status: Post-Investigation/Remediation Monitoring
Staff: RTS
Substance: SOLVENTS
Lead Agency: Regional Board
Location Code: Not reported
Thomas Bros Code: 859-H6

60
NNW
1/4-1/2
0.473 mi.
2495 ft.

MARTIN AVIATION (FUEL FARM)
19331 S AIRPORT WAY
SANTA ANA, CA 92707

CA LUST

S109284196
N/A

Relative:
Lower

Actual:
48 ft.

LUST:

Region:	STATE
Global Id:	T0605900160
Latitude:	33.6643715354752
Longitude:	-117.874095439911
Case Type:	LUST Cleanup Site
Status:	Open - Verification Monitoring
Status Date:	01/01/2004
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Worker:	RS
Local Agency:	Not reported
RB Case Number:	083000210T
LOC Case Number:	86UT176
File Location:	Regional Board
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Aviation, Diesel, Gasoline, Kerosene, MTBE / TBA / Other Fuel Oxygenates
Site History:	Part of JWA

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605900160
Contact Type:	Regional Board Caseworker
Contact Name:	ROSE SCOTT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	rscott@waterboards.ca.gov
Phone Number:	9513206375

Status History:

Global Id:	T0605900160
Status:	Open - Case Begin Date
Status Date:	10/13/1986
Global Id:	T0605900160
Status:	Open - Remediation
Status Date:	02/20/1987
Global Id:	T0605900160
Status:	Open - Site Assessment
Status Date:	05/12/1988
Global Id:	T0605900160
Status:	Open - Verification Monitoring
Status Date:	01/01/2004

Regulatory Activities:

Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	02/16/2010
Action:	Technical Correspondence / Assistance / Other

MARTIN AVIATION (FUEL FARM) (Continued) **S109284196**

Global Id: T0605900160
Action Type: RESPONSE
Date: 01/30/2016
Action: Monitoring Report - Annually

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 08/21/2002
Action: * Verbal Communication

Global Id: T0605900160
Action Type: RESPONSE
Date: 07/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0605900160
Action Type: RESPONSE
Date: 01/30/2015
Action: Monitoring Report - Annually

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 03/03/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900160
Action Type: Other
Date: 10/16/1986
Action: Leak Stopped

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 01/19/2012
Action: File review

Global Id: T0605900160
Action Type: Other
Date: 10/13/1986
Action: Leak Began

Global Id: T0605900160
Action Type: RESPONSE
Date: 01/30/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0605900160
Action Type: RESPONSE
Date: 07/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 05/12/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0605900160
Action Type: ENFORCEMENT

MARTIN AVIATION (FUEL FARM) (Continued) **S109284196**

Date: 01/01/2003
Action: * No Action

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 01/24/2013
Action: Meeting

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 10/02/2013
Action: File review

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 08/28/2015
Action: File review

Global Id: T0605900160
Action Type: RESPONSE
Date: 11/23/1988
Action: Site Assessment Report

Global Id: T0605900160
Action Type: RESPONSE
Date: 08/27/2009
Action: Site Assessment Report

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 05/12/2008
Action: Verbal Enforcement

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 03/28/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0605900160
Action Type: Other
Date: 10/13/1986
Action: Leak Discovery

Global Id: T0605900160
Action Type: Other
Date: 10/16/1986
Action: Leak Reported

Global Id: T0605900160
Action Type: ENFORCEMENT
Date: 01/29/2009
Action: File review

MARTIN AVIATION (FUEL FARM) (Continued) **S109284196**

Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	09/09/2010
Action:	File review
Global Id:	T0605900160
Action Type:	ENFORCEMENT
Date:	09/25/2014
Action:	File review
Global Id:	T0605900160
Action Type:	RESPONSE
Date:	03/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0605900160
Action Type:	RESPONSE
Date:	09/30/2002
Action:	Monitoring Report - Quarterly

O61 **AMERICAN AIR CENTER (UCO AIR)** **CA LUST** **S105036536**
NNW **19461 AIRPORT WAY** **N/A**
1/4-1/2 **SANTA ANA, CA 92707**
0.481 mi.
2542 ft. **Site 4 of 6 in cluster O**

Relative:
Lower

Actual:
49 ft.

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000209T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Misc. Motor Vehicle Fuels
Qty Leaked:	60
Abate Method:	Not reported
Cross Street:	CAMPUS
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Inventory Control
How Stopped:	Not reported
Leak Cause:	Structure Failure
Leak Source:	Piping
Global ID:	T0605900159
How Stopped Date:	1/15/1987
Enter Date:	1/1/1987
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/14/1987
Enforcement Date:	Not reported
Close Date:	6/25/2002
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	3/1/1987
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	10/4/2000

AMERICAN AIR CENTER (UCO AIR) (Continued) **S105036536**

Enter Date:	1/1/1987
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.671334
Longitude:	-117.8664336
MTBE Date:	10/4/2000
Max MTBE GW:	1
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	RS
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: CONTAMINATED SOIL HAS BEEN PUT ON PLASTIC AND COVERED OVER WITH PLASTIC.

O62 **AMERICAN AIR CENTER (UCO AIR)** **CA LUST** **S109284191**
NNW **19461 S AIRPORT WAY** **N/A**
1/4-1/2 **SANTA ANA, CA 92707**
0.481 mi.
2542 ft. **Site 5 of 6 in cluster O**

Relative:
Lower

Actual:
49 ft.

LUST:

Region:	STATE
Global Id:	T0605900159
Latitude:	33.6730651
Longitude:	-117.8650739
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/25/2002
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Worker:	RS
Local Agency:	ORANGE COUNTY
RB Case Number:	083000209T
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605900159
Contact Type:	Local Agency Caseworker
Contact Name:	LUIS LODRIGUEZA
Organization Name:	ORANGE COUNTY

AMERICAN AIR CENTER (UCO AIR) (Continued) **S109284191**

Address: 2009 E. EDINGER AVE.
City: SANTA ANA
Email: Not reported
Phone Number: Not reported

Global Id: T0605900159
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rscott@waterboards.ca.gov
Phone Number: 9513206375

Status History:
Global Id: T0605900159
Status: Completed - Case Closed
Status Date: 06/25/2002

Global Id: T0605900159
Status: Open - Case Begin Date
Status Date: 01/14/1987

Global Id: T0605900159
Status: Open - Site Assessment
Status Date: 03/01/1987

Global Id: T0605900159
Status: Open - Verification Monitoring
Status Date: 10/04/2000

Regulatory Activities:
Global Id: T0605900159
Action Type: ENFORCEMENT
Date: 06/25/2002
Action: Closure/No Further Action Letter

Global Id: T0605900159
Action Type: Other
Date: 01/15/1987
Action: Leak Stopped

Global Id: T0605900159
Action Type: Other
Date: 01/14/1987
Action: Leak Discovery

Global Id: T0605900159
Action Type: Other
Date: 01/16/1987
Action: Leak Reported

O63 **OR CO FIRE STN #27 (AIRPORT)** **CA LUST** **S101588970**
NNW **19459 S AIRPORT WAY** **CA SWEEPS UST** **N/A**
1/4-1/2 **SANTA ANA, CA 92707** **CA FID UST**
0.482 mi.
2543 ft. **Site 6 of 6 in cluster O**

Relative:
Lower

Actual:
49 ft.

LUST:

Region:	STATE
Global Id:	T0605900436
Latitude:	33.6730619
Longitude:	-117.8650665
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/28/1995
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Worker:	RS
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083000547T
LOC Case Number:	93UT092
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605900436
Contact Type:	Local Agency Caseworker
Contact Name:	KEVIN LAMBERT
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E DYER ROAD SUITE 120
City:	SANTA ANA
Email:	klambert@ochca.com
Phone Number:	7144336261

Global Id:	T0605900436
Contact Type:	Regional Board Caseworker
Contact Name:	ROSE SCOTT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	rscott@waterboards.ca.gov
Phone Number:	9513206375

Status History:

Global Id:	T0605900436
Status:	Completed - Case Closed
Status Date:	04/28/1995

Global Id:	T0605900436
Status:	Open - Case Begin Date
Status Date:	07/20/1987

Global Id:	T0605900436
Status:	Open - Site Assessment
Status Date:	07/20/1987

OR CO FIRE STN #27 (AIRPORT) (Continued) **S101588970**

Regulatory Activities:

Global Id:	T0605900436
Action Type:	ENFORCEMENT
Date:	04/28/1995
Action:	Closure/No Further Action Letter

Global Id:	T0605900436
Action Type:	Other
Date:	07/20/1987
Action:	Leak Reported

SWEEPS UST:

Status:	Active
Comp Number:	6062
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:	30-000-006062-000001
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	3

Status:	Active
Comp Number:	6062
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:	30-000-006062-000002
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	6062
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:	30-000-006062-000003

OR CO FIRE STN #27 (AIRPORT) (Continued) **S101588970**

Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	30000647
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7147561549
Mail To:	Not reported
Mailing Address:	180 S WATER ST
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

---

64 **WESTERLY PLACE** **CA LUST** **S102441176**
WSW **1500 QUAIL** **CA EMI** **N/A**
1/4-1/2 **NEWPORT BEACH, CA 92660** **CA HIST CORTESE**
0.498 mi.
2627 ft.

Relative:
Higher

Actual:
52 ft.

LUST:

Region:	STATE
Global Id:	T0605901921
Latitude:	33.662031
Longitude:	-117.868683
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/09/1996
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083002788T
LOC Case Number:	95UT075
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605901921
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP

WESTERLY PLACE (Continued) **S102441176**

Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605901921
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

Status History:
Global Id: T0605901921
Status: Completed - Case Closed
Status Date: 12/09/1996

Global Id: T0605901921
Status: Open - Case Begin Date
Status Date: 12/15/1995

Regulatory Activities:
Global Id: T0605901921
Action Type: Other
Date: 12/15/1995
Action: Leak Discovery

Global Id: T0605901921
Action Type: Other
Date: 12/15/1995
Action: Leak Reported

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 95UT075
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed: 12/09/1996
Record ID: RO0002804

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083002788T
Local Case Num: 95UT075
Case Type: Soil only
Substance: Diesel
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported

WESTERLY PLACE (Continued) **S102441176**

Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901921
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:	12/15/1995
Enforcement Date:	Not reported
Close Date:	12/9/1996
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:	33.6604974
Longitude:	-117.8676747
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:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

EMI:

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	72107
Air District Name:	SC
SIC Code:	6541
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

WESTERLY PLACE (Continued) **S102441176**

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: LTNKA
Reg Id: 083002788T

65
SW
1/4-1/2
0.498 mi.
2630 ft.

Relative:
Lower

Actual:
35 ft.

FLETCHER JONES MANAGEMENT GROU **CA LUST** **1000131912**
1301 QUAIL ST **CA UST** **CAD982349425**
NEWPORT BEACH, CA 92660 **CA HIST UST**
CA FID UST
RCRA NonGen / NLR
FINDS
ECHO

LUST:
Region: STATE
Global Id: T0605902241
Latitude: 33.6581215
Longitude: -117.8645827
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/12/1999
Lead Agency: ORANGE COUNTY LOP
Case Worker: DB
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083003352T
LOC Case Number: 98UT089
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0605902241
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605902241
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

FLETCHER JONES MANAGEMENT GROU (Continued) **1000131912**

Status History:
Global Id: T0605902241
Status: Completed - Case Closed
Status Date: 04/12/1999

Global Id: T0605902241
Status: Open - Case Begin Date
Status Date: 11/04/1998

Regulatory Activities:
Global Id: T0605902241
Action Type: REMEDIATION
Date: 12/01/1998
Action: Excavation

Global Id: T0605902241
Action Type: Other
Date: 11/04/1998
Action: Leak Discovery

Global Id: T0605902241
Action Type: Other
Date: 11/04/1998
Action: Leak Reported

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 98UT089
Released Substance: Waste oil/Used oil
Date Closed: 04/12/1999
Record ID: RO0000856

Region: ORANGE
Facility Id: 98UT089
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 04/12/1999
Record ID: RO0000856

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083003352T
Local Case Num: 98UT089
Case Type: Soil only
Substance: 12035,800661
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

FLETCHER JONES MANAGEMENT GROU (Continued) **1000131912**

Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605902241
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:	11/4/1998
Enforcement Date:	Not reported
Close Date:	4/12/1999
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:	33.6580755
Longitude:	-117.8646466
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:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

UST:

Facility ID:	1875
Permitting Agency:	ORANGE COUNTY
Latitude:	33.65969
Longitude:	-117.86685

HIST UST:

File Number:	0002EA43
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EA43.pdf
Region:	STATE
Facility ID:	00000060244
Facility Type:	Other
Other Type:	CAR SALES
Contact Name:	BOB JOHNSON

FLETCHER JONES MANAGEMENT GROU (Continued) **1000131912**

Telephone:	7148339300
Owner Name:	JIM SLEMONS IMPORTS
Owner Address:	1001 QUAIL ST
Owner City,St,Zip:	NEWPORT BEACH, CA 92660
Total Tanks:	0016
Tank Num:	001
Container Num:	#11
Year Installed:	1973
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/16
Leak Detection:	10
Tank Num:	002
Container Num:	#12
Year Installed:	1973
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	10
Tank Num:	003
Container Num:	1
Year Installed:	1971
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	2
Year Installed:	1971
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4"
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	3
Year Installed:	1974
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4"
Leak Detection:	Stock Inventor
Tank Num:	006
Container Num:	4
Year Installed:	1971
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL

FLETCHER JONES MANAGEMENT GROU (Continued) **1000131912**

Container Construction Thickness:	12
Leak Detection:	None
Tank Num:	007
Container Num:	# 1
Year Installed:	1973
Tank Capacity:	00000280
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	12
Leak Detection:	10
Tank Num:	008
Container Num:	#2
Year Installed:	1973
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	3/16
Leak Detection:	10
Tank Num:	009
Container Num:	#3
Year Installed:	1978
Tank Capacity:	00000280
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	10
Tank Num:	010
Container Num:	#4
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	10
Tank Num:	011
Container Num:	#5
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	10
Tank Num:	012
Container Num:	#6
Year Installed:	1973
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	10
Leak Detection:	10

FLETCHER JONES MANAGEMENT GROU (Continued) **1000131912**

Tank Num:	013
Container Num:	#7
Year Installed:	1973
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/16
Leak Detection:	10

Tank Num:	014
Container Num:	#8
Year Installed:	1976
Tank Capacity:	00007000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	10

Tank Num:	015
Container Num:	#9
Year Installed:	1973
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	10

Tank Num:	016
Container Num:	#10
Year Installed:	1975
Tank Capacity:	00000250
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	12
Leak Detection:	10

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	30005749
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7148339300
Mail To:	Not reported
Mailing Address:	1301 QUAIL ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEWPORT BEACH 92660
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

FLETCHER JONES MANAGEMENT GROU (Continued) **1000131912**

RCRA NonGen / NLR:
Date form received by agency: 05/27/1998
Facility name: FLETCHER JONES MOTOR CARS INC
Facility address: 1301 QUAIL ST
NEWPORT BEACH, CA 92660
EPA ID: CAD982349425
Contact: DAVID LYDA
Contact address: 3300 JAMBOREE RD
NEWPORT BEACH, CA 92660
Contact country: US
Contact telephone: (800) 927-3576
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: FLETCHER JONES MOTOR CARS INC
Owner/operator address: 1301 QUAIL ST
NEWPORT BEACH, CA 92660
Owner/operator country: Not reported
Owner/operator telephone: (714) 833-9300
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
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

FLETCHER JONES MANAGEMENT GROU (Continued) **1000131912**

FINDS:

Registry ID: 110002798973

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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.

ECHO:
Envid: 1000131912
Registry ID: 110002798973
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002798973

66
NNE
1/2-1
0.644 mi.
3400 ft.

ELEXSYS INTERNATIONAL, INC
18522 VON KARMAN AV
IRVINE, CA 92714

CA ENVIROSTOR **1000209223**
CA SLIC **N/A**
CA HIST UST
CA Orange Co. Industrial Site
CA EMI

Relative:
Lower

Actual:
39 ft.

ENVIROSTOR:
Facility ID: 71002203
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: 33.67444
Longitude: -117.8536
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008344285
Alias Type: EPA Identification Number
Alias Name: 110000480765
Alias Type: EPA (FRS #)

ELEXSYS INTERNATIONAL, INC (Continued) **1000209223**

Alias Name: 71002203
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

SLIC:
Region: STATE
Facility Status: **Open - Remediation**
Status Date: 01/01/2013
Global Id: SL208073862
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.6741935339484
Longitude: -117.85373210907
Case Type: Cleanup Program Site
Case Worker: MG
Local Agency: Not reported
RB Case Number: SL208073862
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
Site History: Irvine Towers site is located to the north of the former Sanmina facility and was suspected of having groundwater contamination as a result of migration of contaminated water from the former Sanmina and Parker Hannifin facilities. An investigation order under CWC Section 133267 was issued to both parties on May 5, 2009. The first phase of investigation was conducted in September 2009. The reported data indicates that contamination of Groundwater with TCE exists in the southern portion of the Site. Lateral and vertical delineation of the TCE plume at Irvine Towers and Marriott properties have been completed.

Click here to access the California GeoTracker records for this facility:

HIST UST:
File Number: 0002E858
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E858.pdf
Region: STATE
Facility ID: 00000065652
Facility Type: Other
Other Type: MFG. PRINTED CIRCUIT
Contact Name: Not reported

ELEXSYS INTERNATIONAL, INC (Continued) **1000209223**

Telephone: 7148330870
Owner Name: DICEON ELECTRONICS
Owner Address: 18522 VON KARMAN AVENUE
Owner City,St,Zip: IRVINE, CA 92714
Total Tanks: 0002

Tank Num: 001
Container Num: 001 MEMTEK
Year Installed: 1985
Tank Capacity: 00000450
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 4
Leak Detection: Visual

Tank Num: 002
Container Num: 002 MEMTEK
Year Installed: 1985
Tank Capacity: 00000800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 4
Leak Detection: Visual

Click here for Geo Tracker PDF:

Orange Co. Industrial Site:
Case ID: 89IC031
Record ID: RO0000207
Current Status: CLOSED 7/5/2005
Closure Type: Closure certification issued
Released Chemical: DICHLOROETHYLENE (1,2) TRICHLOROETHYLENE PERCHLOROETHYLENE TRICHLOROETHANE CHROMIUM COMPOUNDS

EMI:
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 4603
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: 39
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

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 4603

ELEXSYS INTERNATIONAL, INC (Continued) **1000209223**

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:	15
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	32
Part. Matter 10 Micrometers and Smllr Tons/Yr:	20

Year:	1993
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	15
Reactive Organic Gases Tons/Yr:	14
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
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:	4603
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:	15
Reactive Organic Gases Tons/Yr:	14
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
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:	4603
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:	37

ELEXSYS INTERNATIONAL, INC (Continued) **1000209223**

Reactive Organic Gases Tons/Yr:	29
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	4
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3

Year:	1997
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	35
Reactive Organic Gases Tons/Yr:	26
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 Smllr Tons/Yr:	0

Year:	1998
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	35
Reactive Organic Gases Tons/Yr:	26
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 Smllr Tons/Yr:	0

Year:	1999
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	35
Reactive Organic Gases Tons/Yr:	26
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 Smllr Tons/Yr:	0

ELEXSYS INTERNATIONAL, INC (Continued) **1000209223**

Year:	2000
County Code:	30
Air Basin:	SC
Facility ID:	4603
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:	35
Reactive Organic Gases Tons/Yr:	26
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 Smllr Tons/Yr:	0

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67 **ORANGE COUNTY AIRPORT** **CA ENVIROSTOR** **S107736963**
NW **N/A**
1/2-1 **NEWPORT BEACH, CA**
0.705 mi.
3721 ft.

Relative:
Higher

Actual:
53 ft.

ENVIROSTOR:

Facility ID:	80000829
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	74
Senate:	37
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	33.67166
Longitude:	-117.8719
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F994900
Alias Type:	Federal Facility ID
Alias Name:	J09CA7127
Alias Type:	INPR
Alias Name:	80000829
Alias Type:	Envirostor ID Number

Completed Info:

ORANGE COUNTY AIRPORT (Continued) **S107736963**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Inventory Project Report (INPR)
Completed Date:	08/18/1998
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

R68 **AUDIO MAGNETICS** **CA RESPONSE** **S102439198**
NE **2602 MICHELSON DR** **CA ENVIROSTOR** **N/A**
1/2-1 **IRVINE, CA 92612** **CA LUST**
0.755 mi.
3989 ft. **Site 1 of 2 in cluster R**

Relative:
Lower

Actual:
37 ft.

RESPONSE:

Facility ID:	30350014
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.55
National Priorities List:	NO
Cleanup Oversight Agencies:	NONE SPECIFIED
Lead Agency Description:	Not reported
Project Manager:	Not reported
Supervisor:	* Greg Holmes
Division Branch:	Cleanup Cypress
Site Code:	Not reported
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	74
Senate:	37
Special Program Status:	Not reported
Status:	Certified
Status Date:	01/01/1984
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	33.67472
Longitude:	-117.8508
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - ELECTRONIC
Potential COC :	Acetone Methyl ethyl ketone (2-Butanone Toluene
Confirmed COC:	30550-NO 30032-NO 30386-NO
Potential Description:	OTH, SOIL
Alias Name:	110008260577
Alias Type:	EPA (FRS #)
Alias Name:	30350014
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification

AUDIO MAGNETICS (Continued) **S102439198**

Completed Date: 01/01/1984
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: 30350014
Status: Certified
Status Date: 01/01/1984
Site Code: Not reported
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.55
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Greg Holmes
Division Branch: Cleanup Cypress
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.67472
Longitude: -117.8508
APN: NONE SPECIFIED
Past Use: MANUFACTURING - ELECTRONIC
Potential COC: Acetone Methyl ethyl ketone (2-Butanone Toluene
Confirmed COC: 30550-NO 30032-NO 30386-NO
Potential Description: OTH, SOIL
Alias Name: 110008260577
Alias Type: EPA (FRS #)
Alias Name: 30350014
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/01/1984
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

AUDIO MAGNETICS (Continued) **S102439198**

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

LUST:
Region: STATE
Global Id: T0605930433
Latitude: 33.674321
Longitude: -117.850094
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/29/1985
Lead Agency: ORANGE COUNTY LOP
Case Worker: JW
Local Agency: ORANGE COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 84UT037
File Location: Local Agency
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Toluene, Acetone, Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0605930433
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: T0605930433
Contact Type: Regional Board Caseworker
Contact Name: NONE
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: Not reported
City: RIVERSIDE
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0605930433
Status: Completed - Case Closed
Status Date: 05/29/1985

Global Id: T0605930433
Status: Open - Case Begin Date
Status Date: 05/29/1985

Regulatory Activities:
Global Id: T0605930433
Action Type: ENFORCEMENT

AUDIO MAGNETICS (Continued) **S102439198**

Date: 02/24/1984
Action: Staff Letter

Global Id: T0605930433
Action Type: ENFORCEMENT
Date: 06/06/1985
Action: Closure/No Further Action Letter

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 84UT037
Released Substance: Toluene
Date Closed: 05/29/1985
Record ID: RO0001592

Region: ORANGE
Facility Id: 84UT037
Released Substance: Acetone, etc.
Date Closed: 05/29/1985
Record ID: RO0001592

Region: ORANGE
Facility Id: 84UT037
Released Substance: Methyl ethyl ketones
Date Closed: 05/29/1985
Record ID: RO0001592

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: Not reported
Local Case Num: 84UT037
Case Type: Undefined
Substance: 108883,67641
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: T0605930433
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: 1/1/1965
Enforcement Date: Not reported
Close Date: 5/29/1985
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported

AUDIO MAGNETICS (Continued) **S102439198**

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:	Not reported
Longitude:	Not reported
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:	Not reported
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

R69 **AUDIO MAGNETICS** **RCRA-SQG** **1000258834**
NE **2602 MICHELSON DR** **CA HIST Cal-Sites** **CAD008238115**
1/2-1 **IRVINE, CA 92612** **FINDS**
0.755 mi. **ECHO**
3989 ft. **Site 2 of 2 in cluster R**

Relative:
Lower

Actual:
37 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	AUDIO MAGNETICS CORP
Facility address:	2602 MICHELSON DR IRVINE, CA 92612
EPA ID:	CAD008238115
Mailing address:	2602 MICHELSON DRIVE IRVINE, CA 92664
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

AUDIO MAGNETICS (Continued) **1000258834**

Owner/Operator Summary:
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
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: AUDIO MAGNETICS CORPORATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
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
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: 12/03/1980
Site name: AUDIO MAGNETICS CORP
Classification: Large Quantity Generator

Violation Status: No violations found

Calsite:
Region: CYPRESS
Facility ID: 30350014
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: SB
Branch Name: SO CAL - CYPRESS
File Name: Not reported
State Senate District: 01011984
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED

AUDIO MAGNETICS (Continued) **1000258834**

Lead Agency: N/A
NPL: Not reported
SIC Code: 35
SIC Name: MANU - INDUSTRIAL MACHINERY & EQUIPMENT
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
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: 35
Facility ID: 30350014
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 01011984
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
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: 2602 MICHELSON DRIVE
Alternate City,St,Zip: IRVINE, CA 92664
Alternate Address: 2602 MICHELSON DR
Alternate City,St,Zip: IRVINE, CA 92612
Background Info: Not reported
Comments Date: 01011976
Comments: VIOLATION DETECTED NON-COMPLI ORDER-EXPLOSIVES TO SEWER
Comments Date: 02011975
Comments: VIOLATION DETECTED ORDERED TO DISCONNECT CLARIFIER FROM
Comments Date: 02011975
Comments: SEWER.
Comments Date: 02011976
Comments: EMERGENCY ACTION 15 GAL TOLUENE SPILL TO CLARIFIER
Comments Date: 04131981

AUDIO MAGNETICS (Continued) **1000258834**

Comments: SANITARY DISTRICT
Comments Date: 08191991
Comments: Records Search: Site certified in 1984. (Month and Day
Comments Date: 08191991
Comments: information not available. Date (January 1) chosen because
Comments Date: 08191991
Comments: it provides the earliest statute of limitations date.)
Comments Date: 11031982
Comments: RECOMMEND NFA BASED ON DRIVE-BY.
ID Name: Not reported
ID Value: Not reported
Alternate Name: AUDIO MAGNETICS
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

FINDS:

Registry ID: 110008260577

Environmental Interest/Information System

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor 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.

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.

ECHO:
Envid: 1000258834
Registry ID: 110008260577
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110008260577

S70 **SIGMA CIRCUITS INC** **SEMS-ARCHIVE** **1000294703**
WNW **2970 AIRWAY** **RCRA-SQG** **CAD981658669**
1/2-1 **COSTA MESA, CA 92627** **CA ENVIROSTOR**
0.906 mi. **CA SLIC**
4783 ft. **Site 1 of 3 in cluster S** **CA Orange Co. Industrial Site**
FINDS
Relative: **CA EMI**
Higher **CA HAZNET**
ECHO
Actual:
52 ft.

SEMS-ARCHIVE:
Site ID: 903532
EPA ID: CAD981658669
Federal Facility: N

SIGMA CIRCUITS INC (Continued) **1000294703**

NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0903532
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13290511.00000
Person ID: 13003854.00000

Contact Sequence ID: 13296106.00000
Person ID: 13003858.00000

Contact Sequence ID: 13301964.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: ZEUS MFG
Alias Address: Not reported
CA

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 12/01/87
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 03/15/89
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 03/15/89
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: SIGMA CIRCUITS INC
Facility address: 2970 AIRWAY AVE
COSTA MESA, CA 92626
EPA ID: CAD981658669
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator

SIGMA CIRCUITS INC (Continued) **1000294703**

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: ANGLYNN LYNN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
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
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: 09/01/1996
Site name: SIGMA CIRCUITS INC
Classification: Small Quantity Generator

Date form received by agency: 03/15/1996
Site name: SIGMA CIRCUITS, INC - SOUTHERN CA DIVISI
Classification: Large Quantity Generator

Date form received by agency: 03/25/1994
Site name: SIGMA CIRCUITS INC.
Classification: Large Quantity Generator

SIGMA CIRCUITS INC (Continued) **1000294703**

Date form received by agency: 02/26/1992
Site name: SIGMA CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 04/06/1990
Site name: SIGMA CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 11/11/1986
Site name: SIGMA CIRCUITS 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: 12/02/1991
Date achieved compliance: 11/08/1993
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: 11/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/02/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/08/1993
Evaluation lead agency: State Contractor/Grantee

ENVIROSTOR:
Facility ID: 30280370
Status: Refer: Other Agency
Status Date: 10/18/1988
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: 74
Senate: 37
Special Program: * CERC2

SIGMA CIRCUITS INC (Continued) **1000294703**

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.66989
Longitude: -117.8760
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * Metals - Other Inorganic Solid Waste * Metals - Sludge * ORGANIC LIQUIDS WITH METALS * OXYGENATED SOLVENTS * ACID SOLUTION 2>PH WITH METALS * UNSPECIFIED SOLVENT MIXTURES * OTHER INORGANIC SOLID WASTE * POLYMERIC RESIN WASTE Not reported
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30280370
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/02/1982
Comments: FACILITY IDENTIFIED VIA A TIP FACILITY DRIVE-BY APPROX. 250 DRUMS AT SITE ABANDONED & ACCESSIBLE TO THE PUBLIC;SPILLS; OPEN DRUMS; CORRODED DRUMS; WATER REACTIVE DRUM ON SIDE & BUILDING. FINAL STRATEGY SITE REFERRED: TO HWMB- LA -ENF. TIP FROM CO SANIT INSPECTOR FIRM ABANDONED CHEMICALS AT FORMER SITE

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: Database verification project confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/23/1988
Comments: PRELIM ASSESS DONE PRELIMINARY ASSESSMENT COMPLETED. THERE IS A NEW COMPANY ON LOCATION KNOWN AS SIGMA CIRCUIT. SIGMA CIRCUIT LISTED AS A GENERATOR. SIGMA CIRCUIT MANUFAC- TURES PRINTED CIRCUIT BOARDS.

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:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 04/03/1997
Global Id: SLT8R1824103

SIGMA CIRCUITS INC (Continued) **1000294703**

Lead Agency:	ORANGE COUNTY LOP
Lead Agency Case Number:	Not reported
Latitude:	33.680164
Longitude:	-117.869715
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	SLT8R182
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:

Orange Co. Industrial Site:

Case ID:	86IC010
Record ID:	RO0003078
Current Status:	CLOSED 12/9/1987
Closure Type:	Closed pre 1994, file review required to determine closure type
Released Chemical:	PLATING WASTE - OTHER METALS

Case ID:	89IC003
Record ID:	RO0000205
Current Status:	CLOSED 5/31/1991
Closure Type:	Closed pre 1994, file review required to determine closure type
Released Chemical:	PLATING WASTE - COPPER

Case ID:	89IC056
Record ID:	RO0000234
Current Status:	CLOSED 7/19/1991
Closure Type:	Closed pre 1994, file review required to determine closure type
Released Chemical:	ACID WASTE

Case ID:	96IC032
Record ID:	RO0000554
Current Status:	CLOSED 4/3/1997
Closure Type:	Closure certification issued
Released Chemical:	LEAD COMPOUNDS

FINDS:

Registry ID: 110000784278

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.

SIGMA CIRCUITS INC (Continued) **1000294703**

EMI:

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	45852
Air District Name:	SC
SIC Code:	3679
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

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	45852
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:	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 Smllr Tons/Yr:	1

Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	45852
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:	7
Reactive Organic Gases Tons/Yr:	7
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:	1996
County Code:	30
Air Basin:	SC
Facility ID:	45852
Air District Name:	SC

SIGMA CIRCUITS INC (Continued) **1000294703**

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:	8
Reactive Organic Gases Tons/Yr:	8
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

HAZNET:

envid:	1000294703
Year:	1997
GEPAID:	CAD981658669
Contact:	SIGMA CIRCUITS INC
Telephone:	4087279169
Mailing Name:	Not reported
Mailing Address:	393 MATHEW ST
Mailing City,St,Zip:	SANTA CLARA, CA 950503113
Gen County:	Not reported
TSD EPA ID:	UTD981552177
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Treatment, Incineration
Tons:	6.7424
Cat Decode:	Other inorganic solid waste
Method Decode:	Treatment, Incineration
Facility County:	Orange

envid:	1000294703
Year:	1996
GEPAID:	CAD981658669
Contact:	SIGMA CIRCUITS INC
Telephone:	4087279169
Mailing Name:	Not reported
Mailing Address:	393 MATHEW ST
Mailing City,St,Zip:	SANTA CLARA, CA 950503113
Gen County:	Not reported
TSD EPA ID:	CAD001968361
TSD County:	Not reported
Waste Category:	Liquids with pH <= 2 with metals
Disposal Method:	Recycler
Tons:	4.1700
Cat Decode:	Liquids with pH <= 2 with metals
Method Decode:	Recycler
Facility County:	Orange

envid:	1000294703
Year:	1996
GEPAID:	CAD981658669
Contact:	SIGMA CIRCUITS INC
Telephone:	4087279169
Mailing Name:	Not reported
Mailing Address:	393 MATHEW ST
Mailing City,St,Zip:	SANTA CLARA, CA 950503113

SIGMA CIRCUITS INC (Continued) **1000294703**

Gen County: Not reported
TSD EPA ID: CAD008488025
TSD County: Not reported
Waste Category: Liquids with nickel >= 134 Mg./L
Disposal Method: Transfer Station
Tons: .4170
Cat Decode: Liquids with nickel >= 134 Mg./L
Method Decode: Transfer Station
Facility County: Orange

envid: 1000294703
Year: 1996
GEPAID: CAD981658669
Contact: SIGMA CIRCUITS INC
Telephone: 4087279169
Mailing Name: Not reported
Mailing Address: 393 MATHEW ST
Mailing City,St,Zip: SANTA CLARA, CA 950503113
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: .8236
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Transfer Station
Facility County: Orange

envid: 1000294703
Year: 1996
GEPAID: CAD981658669
Contact: SIGMA CIRCUITS INC
Telephone: 4087279169
Mailing Name: Not reported
Mailing Address: 393 MATHEW ST
Mailing City,St,Zip: SANTA CLARA, CA 950503113
Gen County: Not reported
TSD EPA ID: CAD008488025
TSD County: Not reported
Waste Category: Unspecified alkaline solution
Disposal Method: Treatment, Tank
Tons: 74.9135
Cat Decode: Unspecified alkaline solution
Method Decode: Treatment, Tank
Facility County: Orange

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

ECHO:
Envid: 1000294703
Registry ID: 110000784278
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110000784278

S71 **SIGMA CIRCUITS, INC. - COSTA MESA** **CA ENVIROSTOR** **S118757430**
WNW **2970 AIRWAY AVENUE** **N/A**
1/2-1 **COSTA MESA, CA 92626**
0.906 mi.
4783 ft. **Site 2 of 3 in cluster S**

Relative:
Higher

Actual:
52 ft.

ENVIROSTOR:

Facility ID:	71002902
Status:	No Action Required
Status Date:	06/20/2001
Site Code:	600831
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:	33.66986
Longitude:	-117.8760
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - ELECTRONIC
Potential COC:	Lead Copper and compounds 1,1-Dichloroethylene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV
Alias Name:	CAD981658669
Alias Type:	EPA Identification Number
Alias Name:	110000784278
Alias Type:	EPA (FRS #)
Alias Name:	600831
Alias Type:	Project Code (Site Code)
Alias Name:	71002902
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/28/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase I Verification
Completed Date:	04/28/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Non-Submittal
Completed Date:	06/20/2001
Comments:	Not reported

SIGMA CIRCUITS, INC. - COSTA MESA (Continued) **S118757430**

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

S72 **ALLIED SIGNAL SUBSTRATE TECH & INTER** **CA ENVIROSTOR** **U001576790**
WNW **2955 AIRWAY AVENUE** **CA EMI** **N/A**
1/2-1 **COSTA MESA, CA 92626**
0.923 mi.
4873 ft. **Site 3 of 3 in cluster S**

Relative:
Higher

Actual:
52 ft.

ENVIROSTOR:

Facility ID:	71002508
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:	74
Senate:	37
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.66970
Longitude:	-117.8769
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD063119796
Alias Type:	EPA Identification Number
Alias Name:	71002508
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Agreement
Completed Date:	07/07/1999
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported

ALLIED SIGNAL SUBSTRATE TECH & INTER (Continued) **U001576790**

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:	1987
County Code:	30
Air Basin:	SC
Facility ID:	58258
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:	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

Count: 3 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ORANGE COUNTY	S107535233		6000 BLOCK OF E LA PALM RD		CA CDL
ORANGE COUNTY	S107537591		AT DEAD END OF BLACK STAR CYN,		CA CDL
SANTA ANA	S103943625	UNOCAL #5600	102 MACARTHUR	92707	CA LUST, CA HIST CORTESE

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: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 10/05/2016
Next Scheduled EDR Contact: 01/16/2017
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: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 10/05/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

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: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 10/05/2016
Next Scheduled EDR Contact: 01/16/2017
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: 11/13/2015
Date Data Arrived at EDR: 01/06/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 135

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/04/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/22/2016
Next Scheduled EDR Contact: 10/31/2016
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/22/2016
Next Scheduled EDR Contact: 10/31/2016
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: 06/27/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 64

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/28/2016
Next Scheduled EDR Contact: 01/09/2017
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: 06/21/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/28/2016
Next Scheduled EDR Contact: 01/09/2017
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: 06/21/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/28/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/21/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/28/2016
Next Scheduled EDR Contact: 01/09/2017
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: 06/21/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/28/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 11/28/2016
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: 05/09/2016
Date Data Arrived at EDR: 06/01/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 12/12/2016
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: 05/09/2016
Date Data Arrived at EDR: 06/01/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 51

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

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: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/02/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/02/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 08/15/2016
Date Data Arrived at EDR: 08/16/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 50

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/16/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/13/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/13/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

LUST REG 5: Leaking Underground Storage Tank Database

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

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

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

LUST REG 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 7: Leaking Underground Storage Tank Case Listing

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

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

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

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

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
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: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

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

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Quarterly

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: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Quarterly

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: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/29/2016
Next Scheduled EDR Contact: 11/07/2016
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: 02/17/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
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: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Semi-Annually

SLIC: Statewide SLIC Cases

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

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/13/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/13/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

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

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

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

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

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

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

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: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
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: 10/07/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
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: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/29/2016
Next Scheduled EDR Contact: 11/07/2016
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: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Quarterly

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: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Quarterly

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: 12/03/2015
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 120

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Semi-Annually

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: 01/26/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 119

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Quarterly

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: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

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

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: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
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: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/02/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

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

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

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: 06/21/2016
Date Data Arrived at EDR: 06/22/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/21/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 08/26/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 49

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/10/2016
Next Scheduled EDR Contact: 11/28/2016
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: 08/05/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

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

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

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

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/20/2016
Next Scheduled EDR Contact: 10/07/2016
Data Release Frequency: No Update Planned

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: 08/31/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 10/10/2016
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: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/02/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 05/10/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

US CDL: Clandestine Drug Labs

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

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 12/12/2016
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: 06/07/2016
Date Data Arrived at EDR: 06/09/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 14

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

CA FID UST: Facility Inventory Database

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

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

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

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/29/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/07/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/27/2016
Date Data Arrived at EDR: 06/28/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 87

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/27/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 06/03/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/26/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/13/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 31

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/13/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/13/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/13/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

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

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

Other Ascertainable Records

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

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

Date of Government Version: 06/21/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/28/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

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: 09/09/2016
Next Scheduled EDR Contact: 12/19/2016
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: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
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: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/20/2016
Next Scheduled EDR Contact: 11/28/2016
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: 05/08/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 107

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

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

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/08/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 09/06/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/23/2016
Next Scheduled EDR Contact: 01/02/2017
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: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/26/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/25/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74
Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/19/2016
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: 05/01/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 99
Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/25/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 08/12/2016
Next Scheduled EDR Contact: 11/21/2016
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: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

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

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
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: 03/07/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 28
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/05/2016
Next Scheduled EDR Contact: 11/21/2016
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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/19/2016
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
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/06/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/29/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/05/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/02/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/26/2016
Next Scheduled EDR Contact: 12/05/2016
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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
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: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2016
Next Scheduled EDR Contact: 11/21/2016
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/07/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 148

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
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: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/01/2016
Next Scheduled EDR Contact: 12/12/2016
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: 09/02/2016
Next Scheduled EDR Contact: 12/12/2016
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: 09/02/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/07/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
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: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/27/2016
Date Data Arrived at EDR: 06/28/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 51

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/27/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 37

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
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: 06/22/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 48

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/23/2016
Next Scheduled EDR Contact: 01/02/2017
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: 08/22/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 42

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 10/07/2016
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/20/2016
Next Scheduled EDR Contact: 10/07/2016
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: 08/10/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 51

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/10/2016
Next Scheduled EDR Contact: 11/28/2016
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: 12/31/2014
Date Data Arrived at EDR: 10/14/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 58

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/23/2016
Next Scheduled EDR Contact: 12/05/2016
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: 07/11/2016
Date Data Arrived at EDR: 07/13/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/07/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/16/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/16/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

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

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/07/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
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: 09/10/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
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: 07/06/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
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: 09/23/2016
Next Scheduled EDR Contact: 01/09/2017
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: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/20/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Quarterly

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/23/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/24/2016
Date Data Arrived at EDR: 05/25/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 49

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/23/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas 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 Historic Dry 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: 07/07/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 37

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 18

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 07/20/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 60

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 09/06/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/10/2016
Number of Days to Update: 47

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/01/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 04/08/2016
Date Data Arrived at EDR: 05/03/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 50

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/24/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/14/2016
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: 07/13/2016
Date Data Arrived at EDR: 07/19/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 21

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/08/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 41

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 10/13/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 07/25/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/20/2016
Next Scheduled EDR Contact: 10/07/2016
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/04/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 71

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/25/2016
Date Data Arrived at EDR: 05/27/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 26

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 09/08/2016
Date Data Arrived at EDR: 09/09/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 35

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
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: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/05/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 37

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 07/19/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 78

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/18/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/13/2016
Number of Days to Update: 68

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
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: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/25/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/23/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/18/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 32

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016
Date Data Arrived at EDR: 04/26/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 36

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 32

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 08/29/2016
Date Data Arrived at EDR: 08/31/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 44

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
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: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 07/25/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 51
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/08/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 53
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/08/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/09/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 63
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/09/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/13/2016
Date Data Arrived at EDR: 07/18/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 81
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/13/2016
Date Data Arrived at EDR: 07/18/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 21
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
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: 05/02/2016
Date Data Arrived at EDR: 07/06/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 43

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/04/2016
Next Scheduled EDR Contact: 01/16/2017
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: 05/02/2016
Date Data Arrived at EDR: 07/06/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 43

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/04/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/19/2016
Number of Days to Update: 42

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/08/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/20/2016
Next Scheduled EDR Contact: 10/07/2016
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/21/2016
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: 09/21/2016
Date Data Arrived at EDR: 09/22/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 26

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/18/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
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: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
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: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 60

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/15/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 29

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 12/05/2016
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: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 07/10/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 28

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/01/2016
Date Data Arrived at EDR: 07/05/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 44

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 16

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 08/12/2016
Date Data Arrived at EDR: 08/16/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 49

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 10/07/2016
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: 06/28/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/25/2016
Next Scheduled EDR Contact: 11/07/2016
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: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
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: 08/10/2016
Next Scheduled EDR Contact: 11/28/2016
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: 06/28/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 67
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/25/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/29/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 27
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 48
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/05/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 61
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/14/2016
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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/03/2016
Date Made Active in Reports: 09/09/2016
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/20/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 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

SHO-72189.1
SE OF BIRCH STREET/VON KARMAN AVENUE
NEWPORT BEACH, CA 92660

TARGET PROPERTY COORDINATES

Latitude (North):	33.664117 - 33° 39' 50.82''
Longitude (West):	117.859608 - 117° 51' 34.59''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	420303.1
UTM Y (Meters):	3725053.0
Elevation:	51 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640942 TUSTIN, CA
Version Date:	2012
West Map:	5640950 NEWPORT BEACH, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

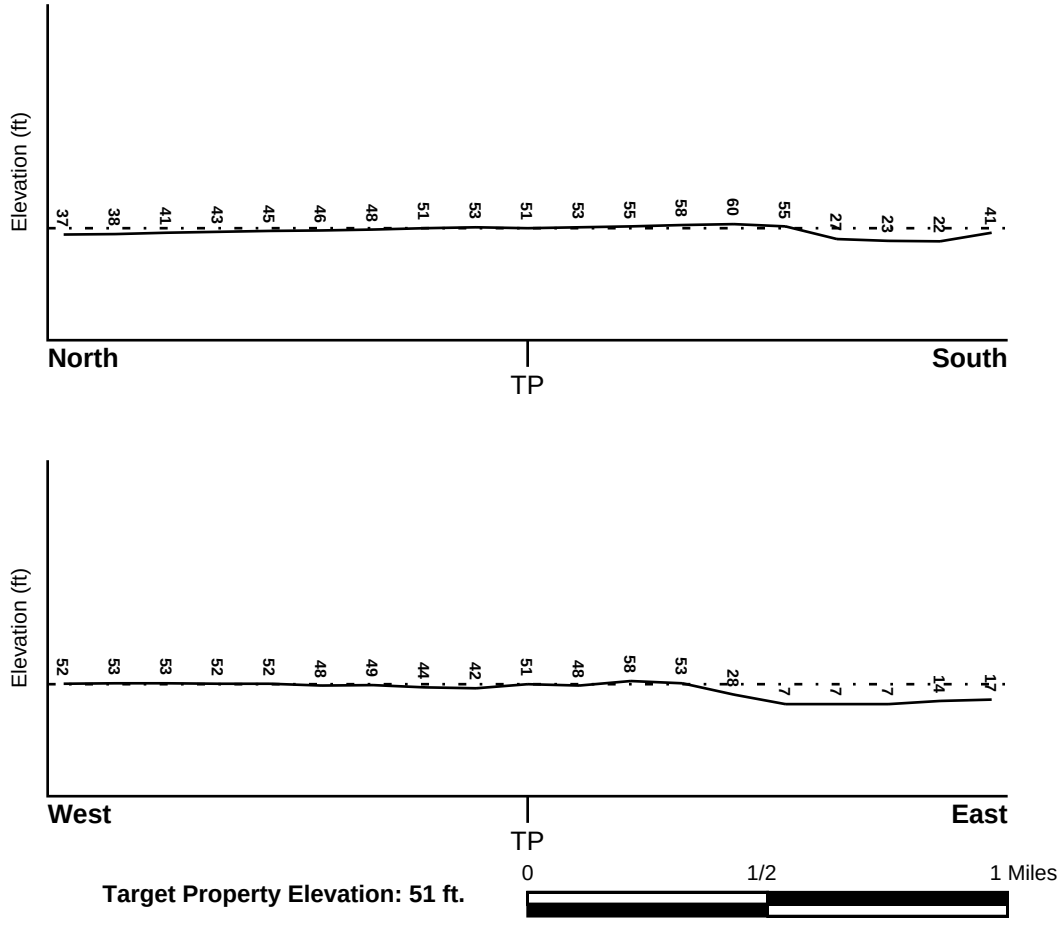
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06059C0286J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06059C0267J	FEMA FIRM Flood data
06059C0287J	FEMA FIRM Flood data
06059C0288J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TUSTIN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/4 - 1/2 Mile SSW	WNW
2	1/4 - 1/2 Mile NW	WSW
4	1/2 - 1 Mile WNW	W
5	1/2 - 1 Mile WNW	E
6	1/2 - 1 Mile NW	WNW
7	1/2 - 1 Mile WSW	SSE

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
9	1/2 - 1 Mile WSW	Not Reported
10	1/2 - 1 Mile NE	E

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

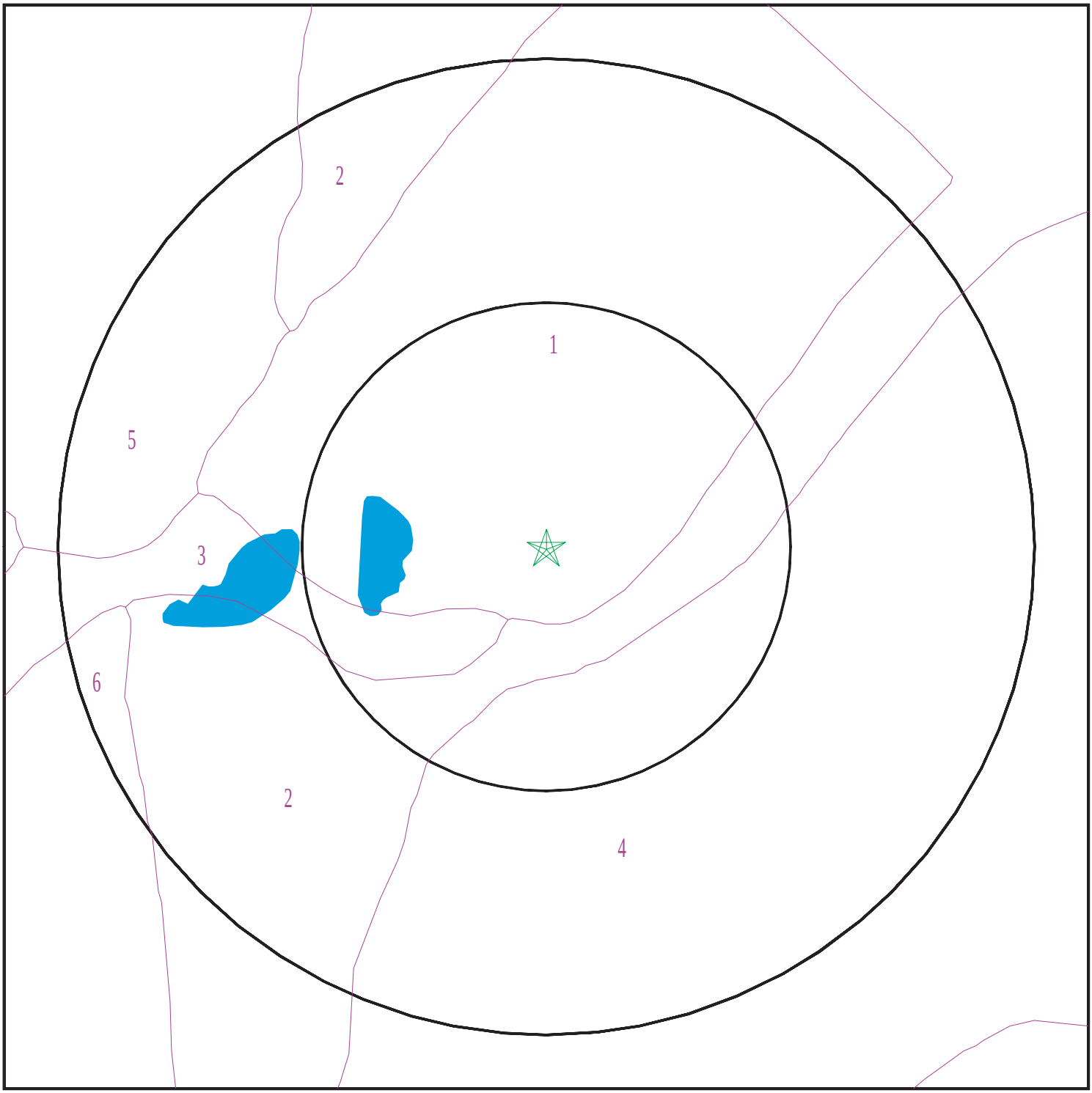
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 4759232.2s



Target Property
SSURGO Soil
Water

SITE NAME:	SHO-72189.1	CLIENT:	EEI, Inc.
ADDRESS:	SE of Birch Street/Von Karman Avenue Newport Beach CA 92660	CONTACT:	Ryan Merkey
LAT/LONG:	33.664117 / 117.859608	INQUIRY #:	4759232.2s
		DATE:	October 20, 2016 2:57 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: XERALFIC ARENTS

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1
2	11 inches	18 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	18 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 3

Soil Component Name: XERALFIC ARENTS

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: ALO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	25 inches	clay	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.1
2	25 inches	29 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 5.1
2	22 inches	27 inches	sandy clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	27 inches	38 inches	sandy clay loam	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	38 inches	70 inches	sandy loam	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 6

Soil Component Name: PITS

Soil Surface Texture: extremely gravelly coarse sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	extremely gravelly coarse sand	Not reported	Not reported	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	extremely gravelly sand	Not reported	Not reported	Max: 141 Min: 42	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
8	USGS40000136471	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

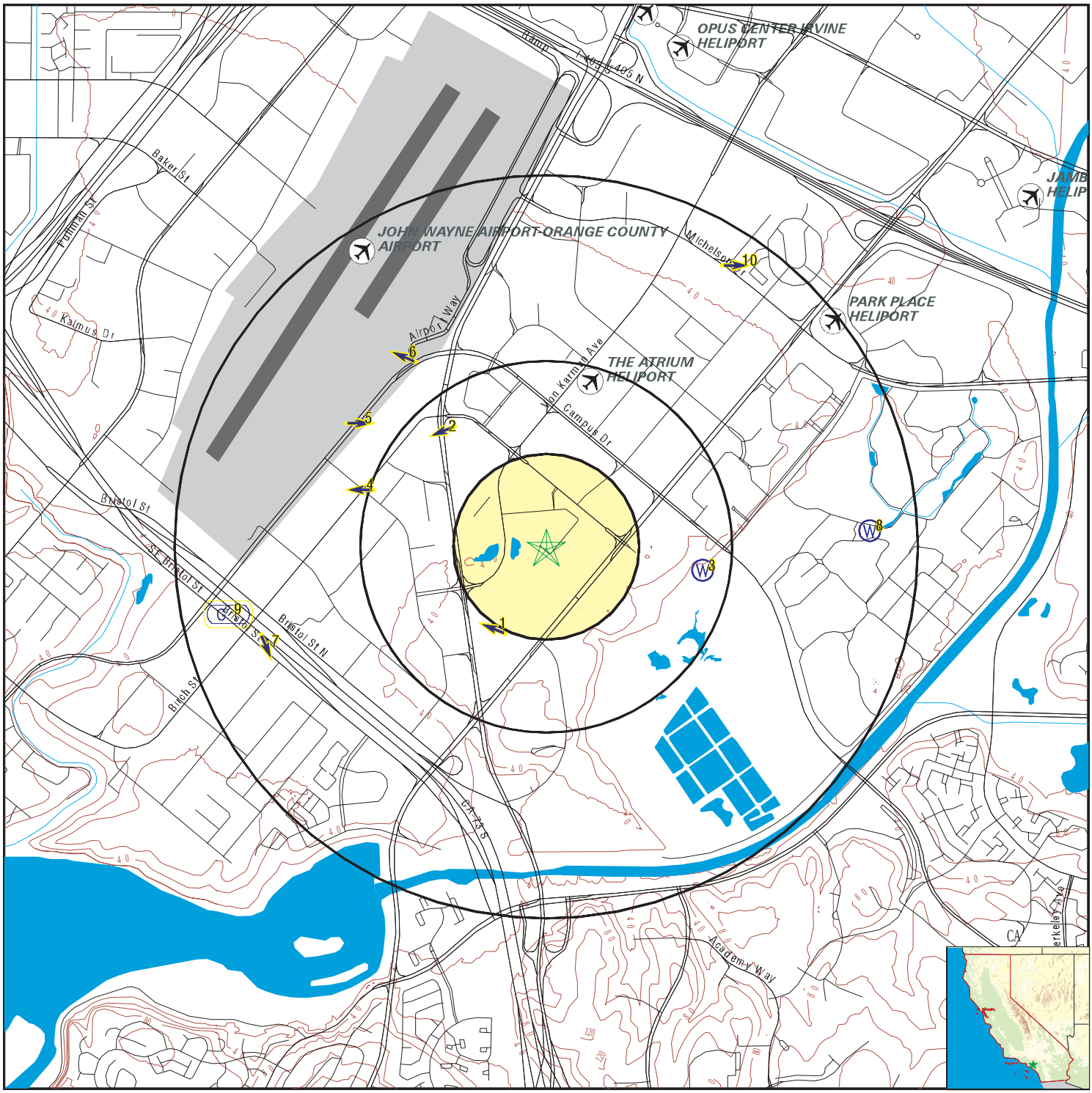
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	CADW60000032419	1/4 - 1/2 Mile East

PHYSICAL SETTING SOURCE MAP - 4759232.2s



0 1/4 1/2 1 Miles

- 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:	SHO-72189.1	CLIENT:	EEI, Inc.
ADDRESS:	SE of Birch Street/Von Karman Avenue Newport Beach CA 92660	CONTACT:	Ryan Merkey
LAT/LONG:	33.664117 / 117.859608	INQUIRY #:	4759232.2s
		DATE:	October 20, 2016 2:57 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
1 **SSW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001618T WNW 20.23 21.57 Not Reported 07/1995	**AQUIFLOW**	**33990**
2 **NW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002982T WSW 8.58 8.95 Not Reported 11/03/1997	**AQUIFLOW**	**51934**
3 **East** **1/4 - 1/2 Mile** **Lower**			**CA WELLS**	**CADW60000032419**

Objectid:	32419
Latitude:	33.6632
Longitude:	-117.8523
Site code:	336632N1178523W001
State well numbe:	06S09W07J001S
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:	CADW60000032419

4 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001459T W 22 24 Not Reported 12/21/1998	**AQUIFLOW**	**34293**
5 **WNW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000403T E 21.9 24.2 Not Reported 12/1997	**AQUIFLOW**	**66483**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
6 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000209T WNW Not Reported Not Reported 33 05/09/1994	**AQUIFLOW**	**33998**
7 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002744T SSE 29.07 31.64 Not Reported 02/24/1997	**AQUIFLOW**	**52081**

8
East
1/2 - 1 Mile
Lower

FED USGS **USGS40000136471**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333953117503701		
Monloc name:	006S009W08F001S		
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:	33.6647427
Longitude:	-117.8445002	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

			Database	EDR ID Number
9 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002060T Not Reported 27 32 Not Reported 06/30/1998	**AQUIFLOW**	**38903**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
10 **NE** **1/2 - 1 Mile** **Lower**	Site ID:	083001737T	**AQUIFLOW**	**34269**
	Groundwater Flow:	E		
	Shallow Water Depth:	10		
	Deep Water Depth:	20		
	Average Water Depth:	Not Reported		
	Date:	10/04/1996		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92660	57	0

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 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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APPENDIX E
OWNER/USER PROVIDED INFORMATION

EEI
Geotechnical & Environmental Solutions

ASTM E1527-13
USER SPECIFIC QUESTIONNAIRE

Project Number / Name: EEI Job No. SHO-72189.1/Towers at Koll Center – Newport Beach

Project Address: SW of Birch Street and Jamboree Road, Newport Beach, California 92660

In order to comply with the ASTM E1527-13 Standard and qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate inquiries*" is not complete. Please provide the following information (if available). Your answers will be incorporated into the final Phase I ESA under the section "User-supplied Information."

(1.) Environmental cleanup liens that are filed or recorded against the property (40 CFR 312.25).
Did a search of *recorded land title records* (or judicial records where appropriate, see NOTE below) identify any environmental liens filed or recorded against the *property* under federal, tribal, state or local law? (NOTE - In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs. Unknown

(2.) Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).
Did a search of *recorded land title records* (or judicial records where appropriate, see NOTE above) identify any AULs, such as *engineering controls*, land use restrictions, or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state or local law? Unknown

(3.) Specialized knowledge or experience of the person seeking to qualify for the Landowner Liability Protections (LLP - 40 CFR 312.28).
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* so that you would have specialized knowledge of the chemicals and processes used by this type of business? No

(4.) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).
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, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? Yes

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

(a.) Do you know the past uses of the *property*? Parking Lot for office uses

(b.) Do you know of specific chemicals that are present or once were present at the *property*? No

(c.) Do you know of spills or other chemical releases that have taken place at the *property*? No

(d.) Do you know of any environmental cleanups that have taken place at the *property*? No

(6.) The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).
As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

No

In addition, certain information should be collected, if available, and provided to the *environmental professional* selected to conduct the Phase I. This information is intended to assist the *environmental professional* but is not necessarily required to qualify for one of the *LLPs*. The information includes:

(a) the reason why the Phase I is required,

Purchasing the property

(b) the type of *property* and type of *property* transaction, for example, sale, purchase, exchange, etc.,

Parking lot for purchase and development

(c) the complete and correct address for the *property* (a map or other documentation showing *property* location and boundaries is helpful),

4400 Von Karman Ave, Newport Beach CA

(d) the scope of services desired for the Phase I (including whether any parties to the *property* transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527 are to be considered),

Standard Scope

(e) identification of all parties who will rely on the Phase I *report*,

Buyer

(f) identification of the site contact and how the contact can be reached,

> Tiffany Marano | Senior Real Estate Manager | Lic. 01852927
> CBRE | Asset Services
> 4400 MacArthur Blvd., Suite 350 | Newport Beach, CA 92660
> T 949 955 2131 | F 949 833 2476
> Tiffany.Marano@cbre.com | www.cbre.com

(g) any special terms and conditions which must be agreed upon by the *environmental professional*, and

no

(h) any other knowledge or experience with the *property* that may be pertinent to the *environmental professional* (for example, copies of any available prior *environmental site assessment reports*, documents, correspondence, etc., concerning the *property* and its environmental condition).

Preparer:

Name: Michael R Murphy

Address: 2 Park Plaza #700 Irvine CA

Date: 10/21.16

rmerkey@eeitiger.com

From: Michael Murphy <MMurphy@shopoff.com>
Sent: Wednesday, November 2, 2016 9:34 AM
To: rmerkey@eeitiger.com
Cc: 'Brian R. Brennan'
Subject: RE: Questionnaires - The Towers at Koll Center, Newport Beach, CA (SHO-72189.1)

Thanks!

From: rmerkey@eeitiger.com [mailto:rmerkey@eeitiger.com]
Sent: Wednesday, November 02, 2016 8:51 AM
To: Michael Murphy
Cc: 'Brian R. Brennan'
Subject: RE: Questionnaires - The Towers at Koll Center, Newport Beach, CA (SHO-72189.1)

Hi Michael,
No completed questionnaire from previous reports. However, I'll make note in the report that while the missing report is a data gap, EEI does not consider the absence of this interview to affect the validity of the Phase I ESA.

Ryan T. Merkey
Project Scientist
EEI
2195 Faraday Avenue, Suite K
Carlsbad, CA 92008
O: 760-431-3747 x210
F: 760-431-3748
C: 760-814-4730

From: Michael Murphy [mailto:MMurphy@shopoff.com]
Sent: Wednesday, November 2, 2016 8:20 AM
To: rmerkey@eeitiger.com
Cc: 'Brian R. Brennan' <bbrennan@eeitiger.com>
Subject: RE: Questionnaires - The Towers at Koll Center, Newport Beach, CA (SHO-72189.1)

Ryan…did the last phase 1 have an owner completed questionnaire…if so, use that one, if not it is not necessary for this phase 1.

From: rmerkey@eeitiger.com [mailto:rmerkey@eeitiger.com]
Sent: Wednesday, November 02, 2016 5:42 AM
To: Michael Murphy
Cc: 'Brian R. Brennan'
Subject: RE: Questionnaires - The Towers at Koll Center, Newport Beach, CA (SHO-72189.1)

Hi Michael,
I'd appreciate it if you'd email me a very brief explanation explaining why the property owner will not complete the Owner questionnaire, so that I can include that email within the Phase I ESA report, in place of the Owner questionnaire.
Thanks,

Ryan T. Merkey
Project Scientist
EEI
2195 Faraday Avenue, Suite K
Carlsbad, CA 92008
O: 760-431-3747 x210
F: 760-431-3748
C: 760-814-4730

From: Michael Murphy [mailto:MMurphy@shopoff.com]
Sent: Friday, October 21, 2016 1:01 PM
To: rmerkey@eeitiger.com
Cc: Brian R. Brennan <bbrennan@eeitiger.com>
Subject: RE: Questionnaires - The Towers at Koll Center, Newport Beach, CA (SHO-72189.1)

Please see attached questionnaire(s)

From: rmerkey@eeitiger.com [mailto:rmerkey@eeitiger.com]
Sent: Thursday, October 20, 2016 12:11 PM
To: Michael Murphy
Cc: Brian R. Brennan
Subject: Questionnaires - The Towers at Koll Center, Newport Beach, CA (SHO-72189.1)

Hi Michael,

Attached are the Phase I ESA questionnaires for the Towers at Koll Center Newport Beach property (**APNs 445-131-29 and -30 [portion of])**, located southwest of the intersection of Birch Street and Jamboree Road in Newport Beach, CA. We'll need you to complete the User and VES User questionnaires. If the Shopoff owns the property, the Owner questionnaire won't need to be completed. If not, please forward to the property owner for completion. Additionally, please confirm the Preliminary Title Report (PTR) that you provided EEI includes the additional 6+ acres that was added to the scope of work today. If not, please issue a recent PTR that includes the additional study area.

Thank you,

Ryan T. Merkey
Project Scientist
EEI
2195 Faraday Avenue, Suite K
Carlsbad, CA 92008
O: 760-431-3747 x210
F: 760-431-3748
C: 760-814-4730

APPENDIX F
PHOTOGRAPHIC LOG



Photograph 1: View of the subject property looking northwest. View is from near the center of the property.



Photograph 2: View of the subject property looking southeast. View is from near the center of the property.



Photograph 3: View of the subject property looking northeast. View is from near the center of the property.



Photograph 4: View of the subject property looking southwest. View is from near the center of the property.



Photograph 5: View of the subject property looking northeast. View is from the southwest corner of the property along Von Karmen Avenue.



Photograph 6: View of the subject property looking west. View is from near the middle of the property boundary along Birch Street.

APPENDIX G
VAPOR ENCROACHMENT SCREEN USER QUESTIONNAIRE

EEI
Geotechnical & Environmental Solutions

ASTM E2600-10
VAPOR ENCROACHMENT SCREENING – USER QUESTIONNAIRE

Project Number / Name: EEI Job No. SHO-72189.1/Towers at Koll Center – Newport Beach

Project Address: SW of Birch Street and Jamboree Road, Newport Beach, California 92660

1. Property type: [X] Commercial [ ] Industrial [ ] Multi-Tenant [ ] Vacant Land

2. Are there any buildings/ structures on the property? Yes [ ] No [X] Unknown [ ]

If yes, type construction

3. Will buildings/structures be constructed on the property in the future? Yes [X] No [ ] Unknown [ ]

If yes, type construction TYPE I - Concrete

4. If buildings exist or are proposed, do/will they have elevators? Yes [X] No [ ]

5. Type of level below grade (existing or proposed)? [ ] Full Basement [ ] Crawl Space [ ] Slab on grade

[X] Parking Garage [X] Multi-level

6. Ventilation in level below grade? Yes [X] No [ ] Unknown [ ]

7. Sump pumps, floor drains, or trenches (existing or proposed)? Yes [ ] No [ ] Unknown [X]

8. Radon or methane mitigation system installed? Yes [ ] No [ ] Unknown [X]

9. Heating system type (existing or proposed)? (CHECK ALL THAT APPLY)

[X] Hot Air Circulation [ ] Electric Baseboard [ ] Hot Air Radiation [ ] Heat Pump [ ] Hot Water Radiation

[ ] Wood Stove [ ] Kerosene Heater [ ] Steam Radiation [ ] Fireplace [ ] Coal Furnace [ ] Radiant Floor Heat

[X] Hot Water Circulation [ ] Fuel Oil Furnace [ ] Gas Furnace [ ] Other

10. Type of fuel energy (existing or proposed)? (CHECK ALL THAT APPLY)

[X] Natural Gas [X] Electric [ ] Propane [ ] Fuel Oil [ ] Kerosene [ ] Wood [ ] Coal [ ] Solar [ ] Other

11. Have there ever been any environmental problems at the property? Yes [ ] No [ ] Unknown [X]

If yes, describe)_____

12. Does/will a gas station or dry cleaner operate anywhere on the property? Yes [ ] No [ ] Unknown [X]

13. Do any tenants use hazardous chemicals in relatively large quantities on the property? Yes [ ] No [ ]

Unknown [X]

If yes, describe_____

14. Have any tenants ever complained about odors in the building or experienced health-related problems that may have been associated with the building? Yes [ ] No [ ] Unknown [ ]

15. Are the operations (or proposed operations to be performed) on the property OSHA regulated? Yes [ ] No [ ] **Unknown [X]**

16. Are there any existing or proposed underground storage tanks (USTs) or above ground storage tanks (ASTs)? Yes. [ ] No [ ] **Unknown [X]**

17. Are there any sensitive receptors (for example, children, elderly, people in poor health, and so forth) that occupy or will occupy the property? Yes [ ] No [ ] **Unknown [X]**

Parcel ID #**APNs 445-131-29 and -30**

Preparer:

Name: **Michael R Murphy**

Address: **2 Park Plaza # 700, Irvine CA 92614**

Signature: 

Date: **10.21.16**

PHASE I ENVIRONMENTAL SITE ASSESSMENT

LOTS 1, 3 AND 5 AT KOLL CENTER NEWPORT (4440 VON KARMAN AVENUE AND 4910 AND 5000 BIRCH STREET) NEWPORT BEACH, CA 92660







PROJECT NUMBER EMS542
THE PICERNE GROUP
5000 BIRCH STREET, SUITE 600
NEWPORT BEACH, CA 92660

JUNE 2019

EMS
ENVIRONMENTAL MANAGEMENT STRATEGIES, INC.

TECHNICAL REPORT

PHASE I ENVIRONMENTAL SITE ASSESSMENT

LOTS 1, 3 AND 5 AT KOLL CENTER NEWPORT (4440 VON KARMAN AVENUE AND 4910 AND 5000 BIRCH STREET) NEWPORT BEACH, CA

JUNE 2019

ENVIRONMENTAL MANAGEMENT STRATEGIES, INC.

Financially Based, Environmental Solutions

8 Goodyear, Suite 125 Irvine, CA 92618

Tel 949.679.9500 Fax 949.679.9501

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CERTIFICATION

All engineering and geologic information, conclusions, and recommendations in this document were prepared under the supervision of and reviewed by an Environmental Management Strategies, Inc. Professional Geologist in the State of California. Further and to the best of our professional knowledge and belief, the work was performed by professionals who meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312 and these professionals have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. Our investigation conforms to the U.S. Environmental Protection Agency's (EPA) Standards and Practices for All Appropriate Inquiries (AAI, 40 CFR Part 312) as well as ASTM International's (ASTM) Standard E 1527-13 titled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process".



June 17, 2019

Anthony F. Severini
President
Professional Geologist
No. 3852

Date

1 Executive Summary

Environmental Management Strategies, Inc. (EMS) is pleased to present this Phase I Environmental Site Assessment (Phase I ESA) for Lots 1, 3 and 5 (parking lots associated with buildings at 4440 Von Karman Avenue and 4910 and 5000 Birch Street) at Koll Center Newport in the City of Newport Beach, Orange County, California 92660 (the "Site", see Figures 1 and 2). The Picerne Group (Picerne) retained EMS on May 3, 2019 to perform the Phase I ESA in support of Picerne's development of the three lots on the Koll Center Newport property. Our investigation conforms to the U.S. Environmental Protection Agency's (EPA) Standards and Practices for All Appropriate Inquiries (AAI, 40 CFR Part 312) as well as ASTM International's (ASTM) Standard E 1527-13 titled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process".

1.1 Background

The site currently consists of Lots 1, 3 and 5 on the Koll Center Newport property. Lot 1 appears to be a parking lot associated with the 4910 Birch Street building, Lot 3 a parking lot associated with the 4440 Von Karman Avenue building and Lot 5 a parking lot associated with the 5000 Birch Street building. Each lot appears to be asphalt covered with associated landscaping. According to information provided to EMS by Picerne, Lots 1 and 3 will be developed into a residential building with associated subterranean parking and Lot 5 will be developed into a parking structure.

1.2 Scope of Work

EMS performed the following scope of work in support of developing this Phase I ESA:

- EMS reviewed previous reports documenting environmental conditions at the site.
- EMS performed a detailed investigation into the historical use of the site. Our historical investigation entailed the review of reasonably ascertainable documents from standard sources from the late 1800's to the present.
- EMS conducted a review of reasonably ascertainable regulatory agency information regarding hazardous material use, disposal, and contaminated property information for the site and surrounding area. This review included a search for environmental liens as well as activity and use limitations (AULs) on the site.
- EMS contacted the following public agencies and utilities for additional information for the site: the EPA; the State of California Department of Toxic Substances Control (DTSC); the California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR); the State of California Water Resources Control Board (SWRCB); the Santa Ana Regional Water Quality Control Board (RWQCB); the South Coast Air Quality Management District (AQMD); and, Orange County Health Care Agency.
- EMS was supplied with an ASTM E 1527-13 User Questionnaire completed by Mr. Brian Rupp, Senior Vice President of Development, The Shopoff Group.
- EMS performed an inspection of the Site on May 16, 2019.

1.3 Results of Investigation

EMS performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 of Lots 1, 3 and 5 at Koll Center Newport in the City of Newport Beach, Orange County, California 92660. Any exception to, or deletions from, this practice are described in Section 3 of this report. EMS' Phase I ESA findings regarding *Recognized Environmental Conditions, Historical Recognized Environmental Conditions, Controlled Recognized Environmental Conditions* or *De Minimis Conditions* in connection with the site are summarized below:

Recognized Environmental Conditions (REC):

- EMS did not identify any RECs associated with the Site.

Historical Recognized Environmental Conditions (HREC):

- A Leaking Underground Storage Tank (LUST) case for the 4910 Birch Street parking lot located adjacent and to the northwest of Lot 1 was identified by Environmental Data Resources, Inc. (EDR). This LUST case appeared to be related to an underground storage tank (UST) spill discovered during the closure of a 12,000-gallon gasoline storage tank on the property in October 1993. It appears remediation was performed on the property consisting of excavation and disposal of contaminated soil and the installation of a dual phase vapor extraction (DPVE) system to treat soil and groundwater. The status of the property is currently listed as "Completed – Case Closed" as of March 4, 2002. The case summary available on the GeoTracker website stated that the DPVE system was installed in January 1999 and operated until target cleanup levels were met in February 2001. A health risk assessment was performed and an excess cancer risk above $1x10^{-6}$ was not posed to the occupants of the property's buildings. No further action was recommended. Based on the current cleanup status of the property and its proximity to the Site, EMS believes this former LUST case is an *HREC* in connection with the Site.

Controlled Recognized Environmental Conditions (CREC):

- A review of the Phase I Environmental Site Assessment (ESA) prepared for the Site by EEI Engineering Solutions (EEI) on November 15, 2016 (Revised June 9, 2017) listed a release of chlorinated solvents at the Conexant Systems, Inc. (Former Rockwell Semi-Conductor Division also listed as Rockwell International Corp) facility located adjacent and to the south of the Site. In order to review some of the history and determine the current status of the Conexant facility, EMS reviewed the *2018 Annual Site-Wide and Third Quarter 2018 WDR Groundwater Monitoring and Sampling Report, Former Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, California* prepared by JHA Environmental, Inc. in November 2018. According to this report, 10 former waste solvent and fuel USTs were located on the Conexant property. A pilot soil vapor extraction (SVE) system was installed in October 1984 and operated for approximately two years. Additional soil and soil vapor investigations were performed in 2005 and 2006 and based on the results from these investigations, a high vacuum SVE system was installed in July 2008 which ran until January 2016. The report also states that shallow and intermediate groundwater had been impacted at the property by VOCs and groundwater remediation efforts had been ongoing since 1986. Based on the lack of significant contaminants present for 18 to 20 years the shallow zone wells, intermediate zone wells and lower zone wells were

permanently destroyed in May 2008. The property is also undergoing a pilot test study for enhanced in-situ bioremediation at the property for remediation of contaminants of concern in groundwater. Based on a review of current conditions at the Conexant facility, along with ongoing remediation and a subsurface investigation performed by RM Environmental, Inc. (RM) on February 3, 2015 that did not detect VOCs in groundwater; EMS believes the Conexant facility is a *Controlled Recognized Environmental Condition* in connection with the Site.

Although indoor air quality is specifically listed as a non-scope consideration under Section 13.1.5.7 of ASTM E 1527-13, *Environmental Professionals* cannot eliminate migration of vapors from the ASTM E 1527-13 Phase I ESA scope of work as this would result in the Phase I ESA being non-AAI compliant. ASTM has released ASTM E 2600-10 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. The Guidance is directed at identifying the likelihood for migrating vapors to encroach onto a target property creating a vapor encroachment condition (VEC). The potential findings of the ASTM E 2600-10 screening are the following:

- A VEC exists or is likely to exist; or,
- A VEC can be ruled out because it does not exist or is not likely to exist.

ASTM E 2600-10 is a two Tier process. Tier 1 focuses on known or suspected contaminated properties identified during the Phase I ESA within an Area of Concern (AOC) about the target property. For volatile and semi-volatile organic compounds (VOCs and SVOCs), such as dry cleaning chemicals and industrial solvents, the AOC is defined as 1/3 mile. For petroleum hydrocarbon chemicals such as gasoline the AOC is defined as 1/10 mile. The AOC can be shortened in the down- and cross-gradient directions if the groundwater flow direction is known. One former UST adjacent and to the northwest of the Site and three dry cleaning facilities listed as Emerald Cleaners and Green Hangar Cleaners at 4341 MacArthur Boulevard, The Duke Hotel at 4500 MacArthur Boulevard and MacArthur Square Cleaners, Bart Patel at 1701 Corinthian Way adjacent and to the northwest of the Site were listed by EDR. The dry-cleaning facilities at 4341 MacArthur Boulevard and 1701 Corinthian Way use tetrachloroethylene dry-cleaning equipment according to information available from the EDR database.

Tier 2 focuses on the contaminated plumes from the contaminated properties identified within the AOC and their proximity (critical distance) to the target property. The critical distance is 100 feet for VOCs and 30 feet for petroleum hydrocarbons. Based on a subsurface investigation performed by RM on February 3, 2015, VOCs were not detected above 2015 San Francisco Regional Water Quality Control Board Environmental Screening Levels (ESL) or California Human Health Screening Levels; however a comparison of the data to the 2019 ESLs did determine that benzene exceeded the ESL with a maximum concentration of 22 $\mu g/m^3$. Based on the results of the 2015 subsurface investigation a VEC exists. According to information provided to EMS the residential structure on the Site will be situated above a parking structure. First-floor aboveground and subsurface parking generally have higher air exchange rates than occupied floors and in this case the parking structure will act as a barrier to vapor migration into overlying residential floors.

2 Introduction

Environmental Management Strategies, Inc. (EMS) is pleased to present this Phase I Environmental Site Assessment (Phase I ESA) for Lots 1, 3 and 5 (parking lots associated with buildings at 4440 Von Karman Avenue and 4910 and 5000 Birch Street) at Koll Center Newport, in the City of Newport Beach, Orange County, California 92660 (the "Site", see Figures 1 and 2). The Picerne Group (Picerne) retained EMS on May 3, 2019 to perform the Phase I ESA in support of Picerne's development of the three lots on the Koll Center Newport property.

2.1 Purpose

The purpose of this Phase I ESA is to identify *Recognized Environmental Conditions* as defined by the U.S. Environmental Protection Agency's (EPA) Standards and Practices for All Appropriate Inquiries (AAI, 40 CFR Part 312) as well as the American Society for Testing and Materials (ASTM) Standard E 1527-13 titled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process". The ASTM standard defines *Recognized Environmental Condition* as follows: "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De Minimis* conditions are not *recognized environmental conditions*."

The EPA's AAI and ASTM E 1527-13 practices are intended to permit the *User*, Picerne, to satisfy one of the requirements to qualify for the *Innocent Landowner, Contiguous Property Owner, or Bona Fide Prospective Purchaser* limitations on Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability (also known as *"Landowner Liability Protections"*). Additional requirements include, but are not limited to, complying with activity and use limitations (AULs), taking reasonable steps to prevent releases, complying with legally required release reporting obligations, etc.

In addition to *Recognized Environmental Conditions*, this Phase I ESA also reports on *Historical Recognized Environmental Conditions*, *Controlled Recognized Environmental Conditions, De Minimis* conditions and other potential environmental concerns and issues (also known as *Business Environmental Risks*) such as Vapor Encroachment Conditions (VECs), asbestos-containing materials (ACM), polychlorinated biphenyl (PCB) containing electrical equipment, lead-based paint, radon, etc.

2.1.1 Special Terms and Conditions

Our investigation conforms to the EPA's AAI rule and ASTM E 1527-13. This report was prepared by EMS solely for the use and benefit of Picerne, together with its affiliates, participants, successors and assigns. No other parties shall have any right to rely on this document. The use of this report is expressly controlled by the terms and conditions in the contract between Picerne and EMS.

2.1.2 Methodology

Mr. Anthony F. Severini and Mr. Ashley Flores of EMS performed the Phase I ESA. Mr. Severini is a State of California registered Professional Geologists with over thirty years of relevant, full-time experience performing Phase I ESAs within several states throughout the United States. Mr.

Flores holds a Bachelor of Science degree in Environmental Science and has over five years of relevant, full-time experience performing Phase I ESAs.

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

Mr. Severini's and Mr. Flores' detailed qualifications are presented in Appendix A. EMS performed the following scope of work in support of developing this Phase I ESA:

- EMS reviewed previous reports documenting environmental conditions at the site.
- EMS performed a detailed investigation into the historical use of the site. Our historical investigation entailed the review of reasonably ascertainable documents from standard sources from the late 1800's to the present.
- EMS conducted a review of reasonably ascertainable regulatory agency information regarding hazardous material use, disposal, and contaminated property information for the site and surrounding area. This review included a search for environmental liens as well as activity and use limitations (AULs) on the site.
- EMS contacted the following public agencies and utilities for additional information for the site: the EPA; the State of California Department of Toxic Substances Control (DTSC); the California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR); the State of California Water Resources Control Board (SWRCB); the Santa Ana Regional Water Quality Control Board (RWQCB); the South Coast Air Quality Management District (AQMD); and, Orange County Health Care Agency.
- EMS was supplied with an ASTM E 1527-13 User Questionnaire completed by Mr. Brian Rupp, Senior Vice President, The Shopoff Group.
- EMS performed an inspection of the Site on May 16, 2019.

2.2 Site Description

The Site currently consists of parking lots on two parcels of land totaling approximately 5.31 acres. Each lot appears to be asphalt covered with painted parking spaces and associated landscaping. The lots appear to be associated with buildings at the addresses of 4440 Von Karman Avenue and 4910 and 5000 Birch Street.

2.2.1 Site Location

The site is located at Koll Center Newport (parking lots appear to be associated the addresses of 4440 Von Karman Avenue and 4910 and 5000 Birch Street) in the City of Newport Beach, Orange County, California 92660. The Site is comprised of land identified by parcel numbers 445-131-29 and 445-131-30.

2.2.2 Site and Vicinity Characteristics

The Site is located in a primarily commercial/industrial area within the City of Newport Beach. Lots 1, 3 and 5 are part of the commercial development known as Koll Center Newport and appear to be associated with the addresses 4440 Von Karman Avenue and 4910 and 5000 Birch Street. The Site is bordered to the northwest by the Renaissance Newport Beach, to the west by offices and a private club, to the south by Conexant Systems, Inc. a semiconductor manufacturing plant and to the east by the Harbor Justice Center, commercial offices and the University of California Irvine North Campus.

2.2.3 Description of Structures, Roads and other Improvements

The site currently consists of asphalt covered parking lots with associated landscaping. The lots are part of the Koll Center Newport commercial property. The lots appear to be associated with the buildings at 4440 Von Karman Avenue and 4910 and 5000 Birch Street.

2.2.4 Information Reported by Property Engineers

Site information was provided by Mr. Matthew Badran, Development Associate with the The Picerne Group. Pertinent information provided by Mr. Badran is included in Section 2.4.

2.2.5 Current Uses of the Property

Lots 1, 3 and 5 of the Koll Center Newport property are currently asphalt covered parking lots with associated landscaping.

2.2.6 Past Uses of the Property

According to information reviewed by EMS the Site was previously vacant undeveloped land possibly utilized for agricultural purposes prior to the construction of the Koll Center Newport commercial property in the late 1970s.

2.2.7 Past and Current Uses of Adjoining Properties

Based on information reviewed by EMS, the Site vicinity was previously vacant undeveloped land possibly utilized for agricultural purposes prior to construction of industrial/commercial properties beginning in the 1960s.

2.3 Records Review

EMS conducted a review of reasonably ascertainable and practically reviewable public information for the Site and surrounding area. The information was supplied to EMS both by an outside contractor specializing in compiling such information and by direct contacts made by EMS.

2.3.1 Standard Environmental Records Sources: Federal, State, Tribal and Local

EMS retained Environmental Data Resources, Inc. (EDR) to perform a search of reasonably ascertainable information from databases for facilities with environmental records within the Site vicinity. The information sources utilized by EDR included publicly available databases compiled by federal, state, tribal and local governmental agencies and proprietary databases available through EDR. The EDR report was designed to assist parties seeking to meet the search requirements of the EPA's AAI rule and ASTM E 1527-13. The databases searched provide information on facilities with records including, but not limited to, the following potential

environmental concerns: Resource Conservation and Recovery Act Small and Large Quantity Hazardous Waste Generators (RCRA-SQGs and RCRA-LQGs); the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS); registered above-ground storage tanks (ASTs); registered underground storage tanks (USTs); historical USTs (HIST USTs); leaking USTs (LUSTs); non-tank spills of hazardous materials; active and inactive landfills; and facilities engaged in the investigation and cleanup of known releases of hazardous materials. In general, the EPA's AAI rule and ASTM E 1527-13 require a larger search radius for databases with information of greater environmental concern (such as LUSTs, landfills and hazardous substance release facilities) than databases with information of lesser environmental concern (such as registered ASTs, USTs, RCRA-SQGs and RCRA-LQGs).

The EPA's AAI rule and ASTM E 1527-13 require the Phase I ESA to include searches for environmental cleanup liens as well as AULs including institutional and engineering controls, recorded under federal, state, tribal, or local laws. The AAI rule and ASTM E 1527-13 allows that either the prospective property owner or the environmental professional may conduct these searches.

EDR's regulatory agency database search included searches for liens and AULs from the following four EPA databases: Federal Superfund Liens (NPL LIENS); CERCLA Lien Information (LIEN2); Engineering Controls Sites (US ENG CONTROLS); and Sites with Institutional Controls (US INST CONTROLS). EDR's regulatory agency database search also included a search of the DTSC's Deed Restriction Listing (DEED) and Lien Holder (LIENS) databases. Specific information regarding the databases searched, corresponding search radii, and search results are presented in EDR's report entitled, *EDR Radius Map™ with GeoCheck®*, included in Appendix B.

EMS also retained EDR to perform an environmental lien search for the Site. The search was conducted for the site's parcel numbers of 445-131-29 and 445-131-30 and included a search for environmental liens and other AULs. The results of this lien search are presented in EDR's report entitled, *EDR Environmental LienSearch™ Report,* included in Appendix C. The *EDR Property Tax Map Report* is included in Appendix D.

The site addresses of 4440 Von Karman Boulevard and 4910 and 5000 Birch Street were not identified on the NPL LIENS, LIEN2, US ENG CONTROLS, US INST CONTROLS, DEEDS or LIENS databases. The EDR report indicates that title for parcel number 445-131-29 is vested in SLF-KC Towers LLC and was received from KCN A Management on January 17, 2018. The title for parcel 445-131-30 had two deeds with deed 1 vested in KCN A Management, LLC and received from KCN A Management, LLC and deed 2 vested in KCN A Management, LLC and received from Aetna (sic) Life Insurance Company on June 14, 2004. No environmental liens or other activity and use limitations (AULS) were found for either parcel number.

The Site addresses of 4440 Von Karman Avenue and 4910 and 5000 Birch Street were listed under the names Koll Co KCN 4 THE and Koll Center Newport. The site address of 4910 Birch Street was identified on the following databases: Resource Conservation and Recovery Act Small Quantity Generator (RCRA-SQG), Facility Index System (FINDS), Enforcement and Compliance History Online (ECHO), Facility and Manifest Data HAZNET), Leaking Underground Storage Tank (LUST), The Facility Inventory Database (CA FID UST), Hazardous Waste & Substance

Site List (CA HIST CORTESE), The Underground Storage Tank database (CA UST), Statewide Environmental Evaluation and Planning System (CA SWEEPS UST). The Site address of 5000 Birch Street was identified on the CA UST database.

The address of 4910 Birch Street was listed on the RCRA-SQG database as a small quantity generator of hazardous waste in October 1996. The waste generated is not listed on the database results. The address was also listed on the FINDS database as a RCRA-SQG. No additional information regarding the RCRA-SQG listing is provided in the FINDS database results. The ECHO database listed the address as RCRA facility and listed no violations. The HAZNET database listed the transport of "other organic solids" and hydrocarbon solvents (benzene, hexane, Stoddard, etc.) in 1996 and 1997.

A LUST and Orange Co. LUST case were also listed for the 4910 Birch Street address. These cases appeared to be related a underground storage tank spill discovered during the closure of a 12,000 gallon gasoline storage tank on the property in October 1993. It appears remediation was performed on the property consisting of excavation and disposal of contaminated soil and the installation of dual phase extraction system to treat soil and groundwater. The status of the property is currently listed as "Completed – Case Closed" as of March 4, 2002. The CA FID UST, CA HIST CORTESE, CA UST and CA SWEEPS UST listings for the Site appear to be related to the removed 12,000-gallon gasoline UST.

No additional information is provided for the listing of 5000 Birch Street listing on the CA UST database.

Numerous additional environmental records were identified for facilities in the surrounding area. Due to the distance and direction from the site, and the nature of the information present in the EDR report, most of these records do not appear to represent a potential environmental concern to the site. A detailed review and summary of all the records identified by EDR for these facilities is not within the scope of this investigation. Below is a summary of environmental records pertaining to releases to the environment, not including air emissions.

One facility was listed on the Superfund Enterprise System Archive (SEMS-ARCHIVE) database. The Accupath Diagnostic property was listed at 2601 Campus Drive to the northeast of the Site across Campus Drive. This list indicates that to the Environmental Protection Agency's (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). No additional information for this facility was provided in this database.

CORRACTS is a database with a list of handlers with RCRA Corrective Action Activity. Accupath Diagnostic and Mallinckrodt Medical at 2601 Campus Drive and 18691 Jamboree Road, were listed on the CORRACTS database. No additional information for Accupath Diagnostic is provided in the CORRACTS database. Based on the location and distance of Malilnckrodt Medical to the Site, it does not appear it poses an environmental concern.

The RCRA-TSDF database includes selective information on facilities that generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resources Conservations and Recovery Act (RCRA). The Accupath Diagnostic (Accupath) facility at 2601 Campus Drive was

the only property listed on the RCRA-TSDF database. This database listed a number of non-halogenated and halogenated solvents as laboratory waste chemicals. Additional information regarding the Accupath facility is included in section 2.3.5.

EDR identified three facilities on the RCRA Large Quantity Generators (RCRA-LQG) list and six on the RCRA Small Quantity Generators (RCRA-SQG) list within 0.25 miles from the Site. The RCRA-LQG and RCRA-SQG include information on facilities that generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. No additional information is provided in these databases regarding these facilities. Additional information regarding Accupath, Emerald Cleaners and MacArthur Square Cleaners is included in section and 2.3.5.

The CA RESPONSE database identifies confirmed release facilities where DTSC is involved in remediation, either in a lead or oversight capacity. The Trammel Crow facility at 2602 Michelson was the only facility listed on this database. The potential chemical of concern was listed as acetone methyl ethyl ketone and removal action was completed on February 13, 1984. Based on the status and location of this facility, it does not appear to pose an environmental concern to the Site.

The CA ENVIROSTOR database listed 9 facilities within approximately 1 mile of the Site. The Department of Toxic Substance Control (DTSC) Site Mitigation and Brownfields Reuse Program (SMBRP) EnviroStor database identifies sites that have known contamination or facilities for which there may be reasons to investigate further. Of the 9 facilities listed only three were potentially upgradient of the Site and they were Accupath, Orange County Airport and Sigma Circuits, Inc. The listing for Accupath listed the status for the facility as "No Action Required" as of 5/11/19. The Orange County Airport listing had a status of "Inactive – Needs Evaluation" as of 7/1/05. The Sigma Circuits, Inc. facility was listed twice with a status of "Refer – Other Agency" and "No Action Required". Based on the distance and location of the Sigma Circuits facility it does not appear to pose an environmental concern to the Site. Additional information regarding Accupath and Orange County Airport is included in section 2.3.5.

EDR identified 28 CA Leaking Underground Storage Tank (LUST) facilities within 0.5 miles from the Site. The CA LUST database is the Regional Water Quality Control Boards (RWQCB) data management system for facilities that impact, or have the potential to impact, water quality, with emphasis on groundwater. Of the 28 facilities on the CA LUST database, 12 appear to be upgradient of the Site. Nine of the facilities were reported in the EDR report of having a status of "Completed – Case Close" or listed as "closed". The remaining facilities of Signature Flight Support at 19301 Campus Drive and Martin Aviation (Fuel Farm) at 19331 South Airport Way had status' of "Open – Remediation" and the facility listed as Prudential (Former Beckman) at 19000 Jamboree Road was listed as "Open – Verification Monitoring". Based on the distance and location of the Prudential (Former Beckman) facility it does not appear to pose an environmental concern to the Site. Additional information for the remaining facilities with an "Open" status is included in section 2.3.5.

The CA Cleanup Programs (CPS) – Spill, Leaks, Investigations and Cleanup (SLIC) is a database that lists facilities that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. Two CA CPS-SLIC facilities were listed within approximately 0.5 miles of the Site. Both appear to be for the facility at 19100 – 19200 Von Karman Avenue with site names of The Atrium and Hyogo Atrium, Inc. The first listing for The Atrium shows a facility status of "Completed – Case Closed" and a "No Further Action" determination for groundwater

was granted to the facility on March 5, 2013. The second listing for Hyogo Atrium, Inc. shows the facility status as "Post-Investigation/Remediation Monitoring" and is likely referring to work performed at the property prior to the "No Further Action" determination. Based on the its location and distance to the Site it does not appear to pose an environmental concern.

The EDR report also had several records pertaining to USTs near the Site. The CA Underground Storage Tank (UST) database lists 11 facilities with registered USTs within 0.25 miles of the Site. There was no additional information regarding the USTs on this database with the exception of Koll Center Newport #4 at 4910 Birch Street, which was listed a 12,000 capacity fuel tank. Additional information regarding 4910 Birch Street is included in Section 2.3.4 and 2.3.5. The CA Statewide Environmental Evaluation and Planning System (SWEEPS) which is an UST listing no longer updated or maintained, indicated six fuel USTs potentially upgradient of the Site. Six CA HIST USTs were listed within 0.25 miles of the Site. Of the six, four appear to be potentially upgradient of the Site. Additional information regarding these facilities is discussed in the LUST portion of this section. The CA Facility Inventory Database (FID) UST contains active and inactive underground storage tank locations and lists six facilities within 0.25 miles of the Site. Of the six, three appear to be potentially upgradient and are further discussed in section 2.3.5.

The CA DRYCLEANERS database is a list of drycleaner related facilities that have EPA ID numbers. This database identified 6 CA DRYCLEANERS facilities within approximately 0.25 miles of the Site. Four of the listings appear to be for the address of 4341 MacArthur Boulevard under the names of Green Hanger Cleaners #3, Green Hanger Cleaners, Emerald Cleaners, A & H Hakimdavar and Emerald Cleaners. According to the documents provided in the EDR report the dry-cleaning equipment at this location used a petroleum solvent. The two listings for The Duke Hotel and Mac Arthur Square Cleaners, Bart Patel located at 4500 MacArthur Boulevard and 1701 Corinthian Way, respectively both used dry cleaning equipment with a tetrachloroethylene (PCE) solvent. PCE was not detected in soil gas during a subsurface investigation performed by RM Environmental, Inc. (RM) on February 3, 2015. Based on the results of the subsurface investigation it does not appear the two dry cleaning facilities pose an environmental concern to the Site. Additional information regarding the RM subsurface investigation is included in section 2.3.4.

The EDR Hist Cleaner is a collection of business directories that EDR reviews for potential dry cleaner facilities. The EDR Hist Cleaner database found two facilities within 0.125 miles of the Site. Both listings are for 4500 MacArthur Boulevard under the names Pacific Coast Valet and Tajico Arlington Inc. The address of 4500 MacArthur Boulevard is discussed in the previous paragraph.

The EDR report also identifies "orphan" facilities that, due to poor or inadequate address information, could not be accurately mapped. Four records were identified on this database as Sunny Fresh Cleaners, Sakioka Farms, Orange County Surgery Center Newpo. Based on the information provided these records do not appear to pose an environmental concern to the Site.

2.3.2 Physical Setting Sources

The EDR Radius Map™ Report provides a physical setting source addendum (Geocheck®). The Site is located at an elevation of approximately 52-feet above mean sea level (msl). Local topography decreases in elevation to the northeast. The site is not located in a Federal Emergency Management Agency (FEMA) flood zone. The EDR report searched for site-specific

hydrogeologic data within a 1.25-mile radius from the site. One site with hydrogeologic data was listed to the northwest of the Site as Western Digital Corporation with a measured depth to water of 35.5 feet and a surficial aquifer flow direction to the south. EDR has also developed a groundwater information system, known as Aquiflow, which maintains groundwater depth and flow direction data from reports submitted by environmental professionals to regulatory agencies. Nineteen reports were listed within one-mile of the Site with reports within ¼ - to ½-mile from the Site reporting general groundwater flow direction to the west-southwest, west-northwest and west. The EDR report also searched for public water systems and water wells known to the United States Geological Survey (USGS) and water wells known to the State of California. One Federal USGS water well was listed within one mile of the site. No public water supply system was identified within one mile of the site. The State Database Well Information also listed one well within one mile of the site. The EDR report did not identify any earthquake fault lines within one mile of the site.

EMS searched the Geotracker Website for a property closest to the Site with groundwater information. EMS discovered the RM Environmental, Inc. *Report of Installation and Development of Groundwater Monitoring Wells M-23R, M-48R, I-2R, and I-4R* dated November 8, 2016 which contained information regarding groundwater flow direction. According to this report prior to groundwater extraction at this property, which ended in 2001, groundwater flow direction was to the southeast. A review of the *2018 Annual Site-Wide and Third Quarter 2018 WDR Groundwater Monitoring and Sampling Report, Former Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, California* also showed groundwater flow to the southeast.

The results of EMS' review of Physical Setting Sources did not reveal any evidence of *Recognized Environmental Conditions* in connection with the site.

2.3.3 Historical Use Information

EMS conducted a review of reasonably ascertainable historical information from standard sources to determine the past land use of the Site and surrounding area including the following: Sanborn® fire insurance maps; historical topographic maps; historical aerial photographs; historical city directories; and, historical building permits. The following paragraphs summarize our findings.

2.3.3.1 Sanborn® Fire Insurance Map Review

EMS retained EDR to perform a search for historical Sanborn® fire insurance maps for the site vicinity. Sanborn® maps were not available for the Site vicinity. EDR's *Certified Sanborn® Map Report* is included in Appendix E.

2.3.3.2 Historical USGS Topographic Map Review

EMS retained EDR to provide historical topographic maps prepared by the USGS for the site vicinity. Historical topographic maps were available for the years 1896, 1901, 1902, 1932, 1935, 1942, 1948/1949, 1950/1951, 1965, 1972, 1981 and 2012. The *EDR Historical Topographic Map Report* is included in Appendix F.

No specific land use is identified on the site or immediately adjacent properties in the 1896 through 1942 topographic maps; however, increased development around the Site is visible in these topographic maps. The 1948/1949 and 1950/1951 topographic maps are the first time the Orange County Airport is visible to the west of the Site along with the La Mesa Gun Club and dikes to the

north. Buildings are first visible near the Site in the 1965 topographic map and the dikes previously listed to the north appear to have been converted to duck ponds. Buildings on the Koll Center Newport property adjacent to the Site first appear in the 1981 topographic map. The 2012 topographic does not show commercial or residential structures but does show an increase in road construction.

2.3.3.3 Aerial Photograph Review

EMS reviewed historical aerial photographs obtained from EDR for the years, 1938, 1946, 1952, 1963, 1972, 1977, 1985, 1989, 1994, 2005, 2009, 2012 and 2016. The *EDR Aerial Photo Decade Package* report is included in Appendix G.

The 1938 to 1952 aerial photographs indicate the site and all adjacent properties appear to be comprised of agricultural and vacant undeveloped land. The 1963 photograph appears to show a commercial/industrial building along with associated parking to the south of the Site. An additional building attached to the building to the south along with associated parking is first visible in the 1972 aerial photograph. The buildings with addresses of 4440 Von Karman and 4910 Birch Street along with two additional buildings on the Koll Center Newport property first appear in the 1977 aerial photograph. Portions of the current parking lots for 4440 Von Karman and 4910 Birch Street are also visible in 1977. Development in the area has also significantly increase by the time we reach 1977. By the 1985 aerial photograph the 5000 Birch Street building and parking garage are visible and the asphalt parking areas for Lots 1, 3 and 5 are in their current configuration. There are no significant changes to the Site or surrounding properties in the 1989 to 2016 aerial photographs with the exception of the demolition of the buildings to the south of the Site.

2.3.3.4 City Directory Abstract

EMS retained EDR to provide a historical city directory search for the site and nearby properties. The city directories identify individuals and businesses by street address. EDR obtained information from sources including city and telephone directories dating from 1920 to 2014. The *EDR City Directory Abstract* is included in Appendix H.

The property addresses of 4440 Von Karman Avenue and 4910 and 5000 Birch Street were listed on the Haines Company and Pacific Bell directories. The properties were operated under various entity names. The surrounding properties appeared to have been primarily occupied by commercial tenants.

2.3.3.5 Building Permit Report

EMS retained EDR to provide a building permit report for the site and adjacent properties. No permits were found for the address 4440 Von Karman Avenue or 5000 Birch Street. Permits for 4910 Birch Street included electrical, building, plumbing and mechanical for what appeared to be primarily building improvements. Permits for adjacent properties also included building, mechanical, electrical and plumbing permits for tenant improvements. The *EDR Building Permit Report* is included in Appendix I.

2.3.4 Previous Environmental Reports

EMS was provided electronic files of previous environmental reports for the Site. Due to time and budget and constraints, EMS could not review all of the documents available and chose to review

those reports and documents EMS believed would provide the most information in a reasonable time frame. The following summarizes EMS' review of the most recent Phase I performed at the Site.

EMS reviewed a previous Phase I ESA performed by EEI Engineering Solutions (EEI) for the Site on November 15, 2016 (Revised June 9, 2017). According to the report a gasoline release was reported in 1997 at the Koll Center Newport #4 property located adjacent to the Site at 4910 Birch Street. The report stated that a 12,000-gallon UST was removed from the Site in 1993 which led to a subsequent subsurface investigation. As part of remediation at the Site approximately 911.98 tons of gasoline-contaminated soil was over excavated and removed in November 1993 and a dual-phase soil vapor extraction system was operated until target cleanup concentration levels for groundwater were met. Concentrations of naphthalene, 1,2,4-trimethylbenzene, PCE and trichloroethylene were detected in groundwater. The Orange County Health Care Agency closed the case for the Site in March 2002.

The Phase I ESA also included information on a subsurface investigation performed by RM Environmental on February 3, 2015. This investigation included the installation of six soil borings to approximately 17 to 30 feet below grade surface (bgs) on Lots 1 and 3. The report states that groundwater was encountered at a depth of approximately 22 feet bgs. Four soil and four groundwater samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g), VOCs and fuel oxygenates. All soil and groundwater results were below laboratory detection levels. Temporary vapor probes were set at 15 feet bgs in all borings installed. Soil gas samples were collected from each temporary vapor probe and analyzed for VOCs and fuel oxygenates. Soil gas samples were compared to San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) and Department of Toxic Substances Control (DTSC) California Human Health Screening Levels (CHHSLs) for a residential land use. None of the VOCs analyzed for were detected above ESL or CHHSLs screening levels.

The Conexant Systems, Inc. (Former Rockwell Semi-Conductor Division also listed as Rockwell International Corp) is listed adjacent and to the south of the Site in the Phase I ESA. A release of chlorinated solvents was discovered at the Conexant facility that resulted in soil and groundwater impacts. The facility has undergone site investigations and remediation. According to EEI, based on "the February 2016 groundwater data, regulatory agency oversight and active remediation, along with the proposed future use of the subject property as a parking garage, the Conexant facility does not pose a significant environmental concern and no further assessment appears to be warranted at this time".

The EEI Phase I did not find any Recognized Environmental Conditions, Controlled Environmental Conditions and listed the former LUST at 4910 Birch Street as an Historical Recognized Environmental Condition.

EMS' review of the previous Phase I report identified the former LUST case at 4910 Birch Street as an *Historical Recognized Environmental Condition* and the Conexant Systems, Inc faciltiy located at 4311 Jamboree Road a *Controlled Recognized Environmental Condition* in connection with the Site. Additional information regarding the former LUST case at 4910 Birch Street and the Conexant Systems, Inc. facility located at 4311 Jamboree Road is included in Section 2.3.5.

2.3.5 Additional Record Sources

EMS searched the following regulatory agency websites for any additional information for Lots 1, 3 and 5: EPA's Envirofacts; DTSC's EnviroStor; SWRCB's GeoTracker; the AQMD's FINDS websites; and, the DOGGR website. None of the websites returned any records for the Site.

EMS reviewed available documents for three adjacent properties on various agency websites. EMS reviewed documents for the adjacent parking lot at 4910 Birch Street, Conexant Systems, Inc. (Former Rockwell Intl Semi-Conduct Div) facility located at 4311 Jamboree Road and Koll Co property located at 4400 MacArthur Boulevard.

The GeoTracker website included a listing for the parking area to the north of the 4910 Birch Street building. This listing included a cleanup status for the property of "Completed – Case Closed as of 3/4/2002 and the Case Closure Summary dated December 5, 2001. The case summary stated that upon removal of a 12,000-gallon gasoline UST, contaminated soil was detected. Excavation of the contaminated soil was performed, and it was discovered contamination was more extensive than anticipated. A dual phase vacuum extraction system (DPVES) was installed and operated to address contamination between January 1999 and February 2001. The DPVES was operated until target cleanup levels were met for groundwater. A health risk assessment was performed and an excess cancer risk above $1x10^{-6}$ was not posed to the occupants of the property's buildings. No further action was recommended. Based on current cleanup status of the property and its proximity to the Site, EMS believes this former LUST case is an *Historical Recognized Environmental Condition* in connection to the Site.

The Conexant Systems, Inc. (Former Rockwell Intl Semi-Conduct Div) facility is located adjacent and to the south of the Site and has a current cleanup status of "Open – Remediation as of 7/16/2010. EMS reviewed the *2018 Annual Site-Wide and Third Quarter 2018 WDR Groundwater Monitoring and Sampling Report, Former Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, California* prepared by JHA Environmental, Inc. in November 2018. According to the report, 10 former waste solvent and fuel USTs were located on the property. Solvents were detected in soil at the property in January 1984. VOCs were detected in subsequent soil and soil vapor investigations. A pilot soil vapor extraction (SVE) system was installed in October 1984 and operated for approximately two years. Additional soil and soil vapor investigations were performed and based on the results of the 2005 and 2006 investigations, a high vacuum SVE system was installed in July 2008 that ran until January 2016. The report also states that shallow and intermediate groundwater had been impacted at the property by VOCs and groundwater remediation efforts had been ongoing since 1986. Based on the lack of significant contaminants present for 18 to 20 years the shallow zone wells, intermediate zone wells and lower zone wells were permanently destroyed in May 2008. The report states well destruction was "conducted in accordance with the Santa Ana RWQCB directive letters dated February 27, 2008 and March 5, 2008". A review of current conditions at the property along with remediation currently ongoing, EMS believes the LUST case at Conexant Systems is a *Controlled Recognized Environmental Condition* in connection to the Site.

EMS reviewed documents for the Orange County Airport which included facilities listed as Signature Flight Support at 19301 Campus Drive and Martin Aviation (Fuel Farm) at 19331 South Airport Way on the GeoTracker website. The most recent groundwater monitoring report stated that the 12 monitoring wells had historically contained floating product and canisters have been

used to collect to remove the floating product. Based on a review of the most recent groundwater monitoring data and its distance from the Site, the Orange County Airport facilities do not appear to pose an environmental concern to the Site.

The Koll Co property located adjacent and to the west of the Site at 4400 MacArthur Boulevard, and Accupath (now listed as Scratch Medical Building) located at 2601 Campus Drive did not have any documents available to review. Koll Co had a listed cleanup status of "Completed – Case Closed as of 3/4/1993" and Accupath had a cleanup status of "Completed – Case Closed as of 12/13/1984". Based on the distance, location and status of these facilities they do not appear to pose an environmental concern to the Site.

The DTSCs Envirostor website had a listing for the Accupath facility at 2601 Campus Drive with a site/facility type of "closed". The facility history states the "DTSC determined the site clean closed on January 15, 1991".

The AQMD's FINDS database returned a facility id of 83323 for Koll Center Newport #4 at 4910 Birch Street, Newport Beach, Ca 92660, but did not have any other records.

The Orange County Health Care Agency (OCHCA) responded to a records request for the addresses of 4440 Von Karman Avenue and 4910 and 5000 Birch Street. The OCHCA did not have any records for 4440 Von Karman Avenue or 5000 Birch Street, but did have a number of records for 4910 Birch Street. The records for 4910 Birch Street include notes and reports of the 12,000-gallon gasoline UST removed from the property. Additional information regarding the UST removal is included in the previous GeoTracker website paragraph.

According to the DOGGR Online Mapping System (DOMS) there are no wells located on the site.

EMS' review of the documents available on the GeoTracker and EnviroStor websites identified evidence of *Historical Recognized Environmental Conditions* in connection with the Site for the former LUST case at 4910 Birch Street. EMS also identified evidence of *Controlled Recognized Environmental Conditions* at the Conexant Systems, Inc facility located at 4311 Jamboree Road.

2.3.6 ASTM E 1527-13 User Questionnaire

Mr. Brian Rupp, Senior Vice President of Development, The Shopoff Group provided EMS with an ASTM E 1527-13 User Questionnaire for the site on May 31, 2019. Mr. Rupp was not aware of any environmental cleanup liens or activity and land use limitations against the Site. Mr. Rupp indicated that he had knowledge of environmental issues at the Uptown Newport and Tower Jazz properties. Mr. Rupp noted the purchase price for the property reasonably reflected the fair market value of the property. A former underground storage tank at an adjacent property was also noted by Mr. Rupp. The migration of subsurface VOCs in soil and groundwater was also mentioned as an obvious indicator that could point to the likely presence of contamination at the property. A copy of the completed ASTM E 1527-13 User Questionnaire is included in Appendix K.

2.4 Information from Site Reconnaissance and Interviews

Mr. Flores of EMS visited the site on May 16, 2019 to conduct the site inspection. EMS was granted access to the Site by Mr. Matthew Badran. Mr. Flores did not require an escort as the Site has been a parking lot since the late 1970s and was previously vacant land.

The site consists of asphalt covered parking spaces and landscaping for the 4440 Von Karman and 4910 and 5000 Birch Street buildings (see Photograph 1). EMS accessed the Site from Birch Street on the eastern side of the property. Access from this side of the property led directly to Lots 1 and 3 on the Site. Storm swales were noted on the ground throughout Lots 1 and 3, no staining was noted in storm water runoff (see Photograph 2). A trash enclosure was also noted near the southern corner of 4440 Von Karman Avenue (see Photograph 3). The trash enclosure area appeared to be clean. Storm drains were also noted in Lots 1 and 3 (see Photograph 4). No staining was observed in stormwater draining into the storm drains.

Lot 5 was located on the southern portion of Koll Center Newport near the parking garage. This area also consisted of parking spaces and associated landscaping features. Two waste bins were observed in the southern corner of the parking lot. One bin appeared to be for the disposal of tree trimmings, while the other bin appeared to be for trash (see Photographs 5 and 6).

EMS' Site reconnaissance did not identify the presence of *Recognized Environmental Conditions* in connection with the site.

2.4.1 Hazardous Substances in Connection with Identified Uses

EMS did not observe hazardous substances containers observed on-site during the Site inspection.

2.4.2 Other Hazardous Substances and Unidentified Substance Containers

There were no hazardous substances (not in connection with identified uses) or unidentified substance containers observed on-site during the Site inspection.

2.4.3 Storage Tanks

No storage tanks were observed currently on the Site. There was previously an underground storage tank adjacent to the Site on the 4910 Birch Street property that is discussed in previous sections.

2.4.4 Indications of Polychlorinated Biphenyls (PCBs)

No electrical transformers were observed on-site.

2.4.5 Indications of Solid Waste Disposal

There were no noted concerns regarding on-site solid waste disposal during the site inspection. One locked trash disposal area was noted in Lot 3 and appeared to be in good condition. Two large bins were noted in Lot 5, one contained tree trimmings and a smaller one contained trash.

2.4.6 Physical Setting Analysis, if Migrating Substances are an Issue

Potential off-site sources of groundwater contamination were discussed in previous sections of this report. Based on the subsurface investigation performed at Lots 1 and 3 in 2015 and the construction of a parking structure in Lot 5, migrating substances do not appear to be an issue at the Site.

2.4.7 Indications of Asbestos Containing Material (ACM)

The Site is currently three parking lots, therefore asbestos containing material is not an environmental concern.

2.4.8 Radon Accumulation Potential

The National Radon Database has been developed by the EPA and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The EPA has established the following three zone classifications for radon:

Zone 1 indoor average level > 4 picocuries per liter (pCi/L),
Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L,
Zone 3 indoor average level < 2 pCi/L,

The EDR *Geocheck*® report contains radon information for Orange County (Appendix B). The EPA Radon Zone for Orange County is Zone 3 (indoor average level < 2 pCi/L). The EPA recommended guideline for radon is 4.0 pCi/L. Federal radon information also indicates 100% of first floor living areas were below 4 pCi/L. Data was not reported for second floor living areas and basements.

The EDR report also contains data from a California State database for radon. This database indicates that of the 57 sites tested for radon within the 92660 Zip Code, no sites had radon levels greater than 4.0 pCi/L.

Because the site is a parking lot, EMS noted no potential concerns with respect to radon at the site.

2.4.9 Indications of Lead Based Paint

The Site consists of outdoor parking spaces and landscaping, therefore lead based paint is not a concern.

3 Data Gaps

EMS received a response from the DTSC regarding additional documents available for review; however, EMS did not visit the DTSC Cypress office for a review of these documents as sufficient historical information was available for the Site from other sources. EMS feels the lack of an in-person review of DTSC documents for the Site does not significantly impact EMS' ability to identify *Recognized Environmental Conditions* at the Site due to the amount of information available on the property from other sources.

4 Findings and Conclusions

EMS performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 of Lots 1, 3 and 5 at Koll Center Newport in the City of Newport Beach, Orange County, California 92660. Any exception to, or deletions from, this practice are described in Section 3 of this report. EMS' Phase I ESA findings regarding *Recognized Environmental Conditions, Historical Recognized Environmental Conditions, Controlled Recognized Environmental Conditions* or *De Minimis Conditions* in connection with the site are summarized below:

Recognized Environmental Conditions (REC):

- EMS did not identify any RECs associated with the Site.

Historical Recognized Environmental Conditions (HREC):

- A Leaking Underground Storage Tank (LUST) case for the 4910 Birch Street parking lot located adjacent and to the northwest of Lot 1 was identified by Environmental Data Resources, Inc. (EDR). This LUST case appeared to be related to an underground storage tank (UST) spill discovered during the closure of a 12,000-gallon gasoline storage tank on the property in October 1993. It appears remediation was performed on the property consisting of excavation and disposal of contaminated soil and the installation of a dual phase vapor extraction (DPVE) system to treat soil and groundwater. The status of the property is currently listed as "Completed – Case Closed" as of March 4, 2002. The case summary available on the GeoTracker website stated that the DPVE system was installed in January 1999 and operated until target cleanup levels were met in February 2001. A health risk assessment was performed and an excess cancer risk above $1x10^{-6}$ was not posed to the occupants of the property's buildings. No further action was recommended. Based on the current cleanup status of the property and its proximity to the Site, EMS believes this former LUST case is an *HREC* in connection with the Site.

Controlled Recognized Environmental Conditions (CREC):

- A review of the Phase I Environmental Site Assessment (ESA) prepared for the Site by EEI Engineering Solutions (EEI) on November 15, 2016 (Revised June 9, 2017) listed a release of chlorinated solvents at the Conexant Systems, Inc. (Former Rockwell Semi-Conductor Division also listed as Rockwell International Corp) facility located adjacent and to the south of the Site. In order to review some of the history and determine the current status of the Conexant facility, EMS reviewed the *2018 Annual Site-Wide and Third Quarter 2018 WDR Groundwater Monitoring and Sampling Report, Former Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, California* prepared by JHA Environmental, Inc. in November 2018. According to this report, 10 former waste solvent and fuel USTs were located on the Conexant property. A pilot soil vapor extraction (SVE) system was installed in October 1984 and operated for approximately two years. Additional soil and soil vapor investigations were performed in 2005 and 2006 and based on the results from these investigations, a high vacuum SVE system was installed in July 2008 which ran until January 2016. The report also states that shallow and intermediate groundwater had been impacted at the property by VOCs and groundwater remediation efforts had been ongoing since 1986. Based on the lack of significant contaminants present for 18 to 20

years the shallow zone wells, intermediate zone wells and lower zone wells were permanently destroyed in May 2008. The property is also undergoing a pilot test study for enhanced in-situ bioremediation at the property for remediation of contaminants of concern in groundwater. Based on a review of current conditions at the Conexant facility, along with ongoing remediation and a subsurface investigation performed by RM Environmental, Inc. (RM) on February 3, 2015 that did not detect VOCs in groundwater; EMS believes the Conexant facility is a *Controlled Recognized Environmental Condition* in connection with the Site.

Although indoor air quality is specifically listed as a non-scope consideration under Section 13.1.5.7 of ASTM E 1527-13, *Environmental Professionals* cannot eliminate migration of vapors from the ASTM E 1527-13 Phase I ESA scope of work as this would result in the Phase I ESA being non-AAI compliant. ASTM has released ASTM E 2600-10 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. The Guidance is directed at identifying the likelihood for migrating vapors to encroach onto a target property creating a vapor encroachment condition (VEC). The potential findings of the ASTM E 2600-10 screening are the following:

- A VEC exists or is likely to exist; or,
- A VEC can be ruled out because it does not exist or is not likely to exist.

ASTM E 2600-10 is a two Tier process. Tier 1 focuses on known or suspected contaminated properties identified during the Phase I ESA within an Area of Concern (AOC) about the target property. For volatile and semi-volatile organic compounds (VOCs and SVOCs), such as dry cleaning chemicals and industrial solvents, the AOC is defined as 1/3 mile. For petroleum hydrocarbon chemicals such as gasoline the AOC is defined as 1/10 mile. The AOC can be shortened in the down- and cross-gradient directions if the groundwater flow direction is known. One former UST adjacent and to the northwest of the Site and three dry cleaning facilities listed as Emerald Cleaners and Green Hangar Cleaners at 4341 MacArthur Boulevard, The Duke Hotel at 4500 MacArthur Boulevard and MacArthur Square Cleaners, Bart Patel at 1701 Corinthian Way adjacent and to the northwest of the Site were listed by EDR. The dry-cleaning facilities at 4341 MacArthur Boulevard and 1701 Corinthian Way use tetrachloroethylene dry-cleaning equipment according to information available from the EDR database.

Tier 2 focuses on the contaminated plumes from the contaminated properties identified within the AOC and their proximity (critical distance) to the target property. The critical distance is 100 feet for VOCs and 30 feet for petroleum hydrocarbons. Based on a subsurface investigation performed by RM on February 3, 2015, VOCs were not detected above 2015 San Francisco Regional Water Quality Control Board Environmental Screening Levels (ESL) or California Human Health Screening Levels; however a comparison of the data to the 2019 ESLs did determine that benzene exceeded the ESL with a maximum concentration of 22 $\mu g/m^3$. Based on the results of the 2015 subsurface investigation a VEC exists. According to information provided to EMS the residential structure on the Site will be situated above a parking structure. First-floor aboveground and subsurface parking generally have higher air exchange rates than occupied floors and in this case the parking structure will act as a barrier to vapor migration into overlying residential floors.

5 Bibliography

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JHA Environmental, Inc., *2018 Annual Site-Wide and Third Quarter 2018 WDR Groundwater Monitoring and Sampling Report, Former Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, California,* November 2018

APPENDIX K

AGENCY RECORDS

2019 Annual Site-Wide and Third Quarter 2019 WDR Groundwater Monitoring and Sampling Report Former Conexant Systems, Inc. 4311 Jamboree Road Newport Beach, California

(Santa Ana Regional Water Quality Control Board Case No. 083001040T)

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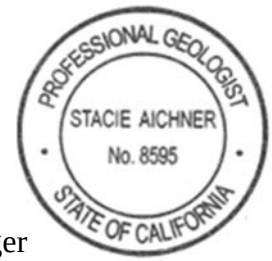


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1.0 INTRODUCTION

JHA Environmental, Inc. (JHA) has prepared this report on behalf of Synaptics, Inc. (formerly Conexant Systems, Inc.) to document the 2019 Annual Site-wide and Third Quarter 2019 Waste Discharge Requirement (WDR) groundwater monitoring and sampling event at the former Conexant Newport Beach property (Site). The Site is located in a residential/commercial/industrial area at 4311 Jamboree Road in Newport Beach, California (Figures 1 and 2). The approximately 22-acre Site currently consists of the TowerJazz semi-conductor manufacturing facility and the Shopoff Realty Investments (Shopoff) residential project. The TowerJazz portion of the property to the northeast consists of one large building (historically known as Building 503), adjacent manufacturing support equipment and facilities, and a large parking area. The Shopoff portion of the property to the southwest is a newly developed residential complex known as Uptown Newport-Phase 1. This report documents the results of data collected during groundwater monitoring and sampling conducted in July 2019 and summarizes remedial progress.

2.0 BACKGROUND

Historically, ten (10) former waste solvent and fuel underground storage tanks (USTs) were located northwest of Building 503 as shown on Figure 3. Solvents were detected in soil at the Site in January 1984 during an investigation of a broken water line northwest of Building 503. During the water line investigation, liquid with a "chemical odor" was reportedly observed seeping from the sidewalls of the trench excavation. The suspected source was two former solvent tanks located northwest of Building 503. Subsequent soil and soil vapor investigations indicated that the principal volatile organic compounds (VOCs) were trichloroethene (TCE), tetrachloroethene (PCE), methylene chloride (MeCl), and acetone.

2.1 Soil and Soil Vapor Investigations

The highest VOC concentrations were detected in soil borings adjacent to the solvent tanks and the highest concentrations of VOCs in soil vapor were identified north of the solvent tanks. Based on the results of the soil investigations, a pilot soil vapor extraction (SVE) system was installed in October 1984 and operated at a maximum vacuum of 5 inches of mercury for approximately two years. The cumulative mass of VOCs reportedly removed by the SVE system was estimated at 31,900 pounds.

Additional soil and soil vapor investigation activities were performed at the Site in 2005 and 2006. The results of the investigations indicated:

- VOCs are the primary constituents of concern at the facility.
- Semi-volatile organic compounds (SVOCs), diesel and oil range hydrocarbons, and Title 22 metals do not appear to be constituents of concern at the facility.
- All of the known waste solvent and fuel USTs at the facility have been removed.
- No releases of VOCs or fuel hydrocarbons appear to have occurred from former fuel UST No. 4, former waste solvent UST No. 5, and the four former diesel fuel USTs No. 7 through No. 10 (Figure 3).
- The "Primary Zone of Residual Impact" of VOCs in soil appears to be the area around former USTs No. 1, No. 2, and No. 3 (Figure 3).
- The area around former waste solvent UST No. 6 appears to be a potential "Secondary Zone of Residual Impact" of VOCs.

- VOC concentrations in soil gas were highest in the vicinity of the former USTs No.1, No. 2, and No. 3. Concentrations were on the order of 10,000 micrograms per liter (µg/L) and decrease by orders of magnitude laterally away from the area.
- VOC concentrations in soil matrix samples were highest in the vicinity of UST No. 1. Concentrations were on the order of 1,000 milligrams per kilogram (mg/kg) and decrease by orders of magnitude laterally away from the Primary Zone of Residual Impact.
- The most prevalent VOC detected in soil was TCE at concentrations ranging up to 1,900 mg/kg adjacent to former UST No. 1.
- 1,4-Dioxane was detected in soil samples at depths up to 25 feet beneath ground surface (bgs) within the area of former USTs Nos. 1, 2, and 3 at concentrations of up to 2.7 mg/kg.

Based on the results of the 2005 and 2006 soil and soil vapor investigations summarized above, high-vacuum SVE and dual-phase extraction (DPE) pilot testing was proposed and completed in 2007. The SVE/DPE pilot testing confirmed the presence of a significant residual contaminant mass within the "Clayey Vadose Zone" at the Primary Zone of Residual Impact. The data collected during the pilot testing program demonstrated that both High-Vacuum SVE and DPE where effective remedial technologies at the Site. A high-vacuum SVE system consisting of a 500 standard cubic feet per minute (SCFM) blower package with a liquid separator and two 8,000-pound granular activated carbon (GAC) units were installed and began operating at the Site on July 29, 2008. The SVE system was installed in accordance with the workplan submitted by JHA dated February 7, 2008 (JHA 2008b), and as approved the Santa Ana Regional Water Quality Control Board (SARWQCB) in their letter dated March 5, 2008 (SARWQCB 2008b). The SVE system utilized a total of 28 vapor extraction wells and system optimization was performed on a weekly basis by opening or closing specific wells to maximize mass removal efficiency. As of December 31, 2015, the system had operated 86% of the available runtime and removed a total mass of approximately 14,400 pounds of VOCs and total petroleum hydrocarbons (TPH) since system startup. As part of a Purchase and Sale Agreement, Uptown Newport Beach Jamboree, LLC (a.k.a. Shopoff) assumed any and all liability and responsibility for 4311 Jamboree Road, Newport Beach, California, property soil contamination, including the operation of the SVE system as of December 22, 2015. The SVE system was shut down on January 4, 2016, and decommissioned and removed from the site on January 26, 2016.

2.2 Groundwater Investigations

Groundwater monitoring wells were first installed at the Site in September 1984 and the groundwater monitoring network has been expanded since that time (Figure 4 and Table 1). A hydrogeologic framework was developed based on the subsurface investigations, consisting of the Shallow Groundwater Zone (Shallow Zone), Intermediate Groundwater Zone (Intermediate Zone), and Lower Groundwater Zone (Lower Zone) separated by clay and silty clay aquitards. Both the Shallow Zone and the Intermediate Zone have been impacted by VOCs and groundwater remediation efforts have been ongoing since 1986. The results and status of the groundwater assessment and remediation efforts through 2007 are presented in the Comprehensive Groundwater Summary Report (JHA 2008a).

In March 2008 the dedicated pumps in former Intermediate Zone groundwater extraction wells (EI-1, EI-2, EI-3, and EI-4A) were permanently removed and the wells were re-developed and incorporated into the quarterly monitoring and annual sampling programs (JHA 2008c).

Recharge in the Intermediate Zone began in 1996 at Wells RI-1, RI-2, RI-3, and RI-4 by injecting water from a municipal source thereby creating a hydraulic barrier to mitigate the potential

migration of Site-related contaminants west of MacArthur Boulevard (Figure 4). With approval from the SARWQCB (SARWQCB 2008a), the recharge system was shut down in March 2008. The total volume of treated groundwater injected during the 12 years of operation was over 680 million gallons.

Based on the lack of significant contaminants present for 18 to 20 years, Shallow Zone wells M-31, M-32, M-41, M-42, M-43, M-44, KIBB-1, and SZO-3; Intermediate Zone wells I-5 and I-12; and the Lower Zone wells (L-1 through L-4) were permanently destroyed in May 2008 (JHA 2008d). Shallow Zone wells M-21 and M-27 were damaged beyond repair, and were also permanently destroyed in May 2008 (JHA 2008d). The well destructions were conducted in accordance with SARWQCB directive letters dated February 27, 2008 and March 5, 2008 (SARWQCB 2008a and 2008b, respectively).

In preparation for construction activities and with the approval of the SARWQCB, Uptown Newport Beach Jamboree, LLC (a.k.a. Shopoff) destroyed the Site groundwater monitoring wells M-48, I-2, I-4, and IZXX in September 2014; destroyed M-23 in May 2015; and shortened, capped, and buried the casing at ES-6 (Figure 4). Replacement wells M-23R, M-48R, I-2R, and I-4R were installed in October 2016 by Shopoff's consultant RM Environmental. Following installation, the initial water level readings at Intermediate Zone replacement wells I-2R and I-4R indicated insufficient groundwater column for monitoring and sampling. As discussed with Shopoff and RM Environmental prior to July 2018, it was decided that wells I-2R and I-4R should be deepened (or replaced) to accommodate a larger groundwater column. In September 2018 Shopoff indicated RM Environmental had subsequently detected approximately five feet of vertical water column in wells I-2R and I-4R and made the decision not to deepen those wells. Wells ES-6, M-48R and I-4R on the Shopoff property were accessible during the 2019 Annual event in July. Wells M-23R, I-2R and I-13 were not accessible during the 2019 Annual event due to ongoing construction.

An enhanced in-situ bioremediation (EISB) pilot test is currently being conducted under the January 3, 2017 SARWQCB Waste Discharge Requirements (WDR) and specific Monitoring and Reporting Program (MRP) at target groundwater wells within the Shallow and Intermediate Zones. A summary of the EISB injection in 2017 and remediation progress is detailed in Section 5.0.

3.0 GEOLOGIC SETTING

3.1 Physiographic Setting

The Site is located approximately five miles north of the Pacific Ocean and 0.4 miles north-northeast of the northern extent of the Upper Newport Bay on the Newport Mesa. The Newport Bay represents the confluence of numerous tributary streams from the nearby mountains and hills. Regional topography is generally flat to gently south-sloping towards the north end of the Upper Newport Bay (Figure 1). The Site is located at an elevation of approximately 50 feet above mean sea level (msl) on an uplifted coastal mesa called the Newport Mesa (Mesa). Locally, the Mesa, slopes gently to the east and southeast of the Site and terminates in a moderate slope leading to the flood plain of the San Diego Creek.

Prior to initial development, the Site was bisected by minor drainage swales. During construction and landscaping (1967–1969), the area was cut and filled with local materials. The area at present is characterized by gently sloping topography. Two small drainage ponds are located to the northwest of the Site.

3.2 Regional Geology

The Newport Mesa is composed of upper Pleistocene marine terrace deposits consisting of unconsolidated clays, silts, and sands. The terrace deposits are several hundred feet thick and overlie a suite of sedimentary bedrock units. The Newport Mesa is separated from the San Joaquin Hills to the south by the San Diego Creek flood plain and upper Newport Bay. The Site is located northeast of the Newport-Inglewood fault zone and the Pelican Hill fault, which trend in a north, northwest–south, southeast direction.

3.3 Regional Hydrology and Hydrogeology

The Site is located within the San Diego Creek watershed. To the southeast of the Site, San Diego Creek flows through an artificial channel that drains into the upper Newport Bay. To the northwest of the Site are two ornamental lakes, which are flood control basins. A subsurface sand drain extends from north of Building 503 to the lakes. Most of the Site and surrounding areas are paved.

The Site is underlain by a part of the Coastal Plain hydrogeologic unit. It lies at the boundary of the Orange County Main Basin to the northwest and the Irvine Groundwater Basin to the northeast. The shallow aquifer system consists of perched water bearing units within the Pleistocene marine terrace deposits. These perched water bearing units typically contain brackish, hard water and are not used for domestic or agricultural purposes. Deep aquifers in this area are reported to consist of the Alpha, Beta, and Lambda aquifers that are part of the late Pleistocene age Lakewood Formation. Little information is available for these aquifers in the vicinity of the Site because no nearby groundwater production wells have been identified.

3.4 Site Hydrogeologic Units

The lithology underlying the Site is comprised of interbedded marine and continental sand, silt, and clay deposits. The sediments underlying the immediate vicinity of the Site have been previously divided, in descending order by depth, into the following hydrogeologic units:

- Unsaturated Zone (0 to 15-30 feet bgs)
- Shallow Groundwater Zone (Shallow Zone, 15-30 to 35-45 feet bgs)
- Aquitard A (45 to 65 feet bgs)
- Intermediate Groundwater Zone (Intermediate Zone, 65 to 100 feet bgs)
- Aquitard B (100 to 140 feet bgs)
- Lower Groundwater Zone (Lower Zone, 140 to 225 feet bgs)
- Aquitard C (top of zone at 225 feet bgs)

Unit depths and thicknesses provided above are approximate and vary across the Site. The Unsaturated Zone extends from the surface down to the shallow water table surface that is generally encountered at depths of 15 to 30 feet bgs. It is generally comprised of very fine- to medium-grained sand, silty sand, sandy silt, and clayey sediments. The Unsaturated Zone is very heterogeneous and there is poor lateral correlation of specific layers between wells.

The Shallow Zone has been defined as sediments that extend from the water table surface to depths ranging from 35 to 45 feet bgs. The Shallow Zone predominantly consists of silty sand, sandy silt, and clay with some very fine- to fine-grained sands. The sediments comprising this zone are very heterogeneous. In general, the Shallow Zone is comprised of beds and lenses of fine grained sand within thicker layers of finer grained silty sand, sandy silt, and clayey sediments. Sand bodies within the Shallow Zone occur both as semi-connected layers and as apparently isolated lenses beneath the Site with poor lateral correlation of specific units between wells. Short-term pump test

data indicated that the Shallow Zone has an average transmissivity of 500 gallons per day per foot of aquifer (gal/day/ft).

The Shallow Zone is underlain by approximately 20 feet or more of fine-grained sediments (predominately silt and clay) designated as Aquitard A. Aquitard A was not encountered during the drilling of former well MW-28 and well SZO-3, which are located within the Primary Zone of Residual Impact. The base of this aquitard appears to deepen towards the west.

Beneath Aquitard-A is an alluvial sequence of relatively permeable sand, gravelly sand, and silty sand extending to a depth of approximately 100 feet bgs. This zone is designated as the Intermediate Zone. The thickness of this zone ranges from 20 to 40 feet thick and appears to be laterally continuous beneath the Site. The base of this zone appears to increase in depth to the west-northwest of the Site. Transmissivity has been estimated to range from 50 to 50,000 gal/day/ft based on pump test data.

The Intermediate Zone is underlain by approximately 40 feet of fine-grained sediments designated as Aquitard B. This aquitard appears to deepen towards the west.

The groundwater bearing sediments underlying Aquitard B have been designated as the Lower Zone. The Lower Zone consists predominately of fine- to coarse-grained sand. Based on the data obtained from two deep exploration borings, the Lower Zone extends to a depth of approximately 225 feet bgs. Depth to water in the Lower Zone ranged from approximately 62 to 66 feet bgs during the March 2007 monitoring event. Based on extensive monitoring, the Lower Zone was not impacted, and in May 2008 the Lower Zone wells L-1, L-2, L-3, and L-4 were permanently destroyed.

The sequence of clayey sand and silty sand occurring beneath the Lower Zone has been designated Aquitard C. Aquitard C underlies the Lower Zone to an undetermined depth.

4.0 ANNUAL SITE-WIDE GROUNDWATER MONITORING – JULY 2019

In accordance with SARWQCB directive letter dated December 3, 2004 (SARWQCB 2004), all active and accessible Site monitoring wells were gauged for depth to water, purged, and sampled on July 18 through 20, 2019. Well M-24 had insufficient groundwater column to purge with a pump, therefore and grab sample was collected via a clean disposable bailer. Wells M-23R, I-2R and I-13 located on the Shopoff property were not accessible during this event due to ongoing construction. Latitude, longitude and top of casing elevation (in mean sea level) data for replacement wells M-48R and I-4R, and top of casing elevation for ES-6 has been completed, therefore the data for these wells has been incorporated into the relevant Tables and Figures.

Gauging was performed with standard water level meters that were properly decontaminated between wells. In general all wells were purged and sampled utilizing the low-flow/parameter stabilization method with dedicated tubing and bladder at each well. Each well was purged at approximately 200 milliliters per minute until the recorded water quality parameters (temperature, pH, conductivity, oxidation reduction potential, and dissolved oxygen) stabilized within 10 percent of the previous readings, for three consecutive readings. Following parameter stabilization, representative groundwater samples were collected in laboratory-provided glassware and stored on ice in the field. Quality Assurance/Quality Control (QA/QC) samples were collected including duplicate groundwater samples and trip blanks. All samples (primary and QA/QC) were submitted to Eurofins Calscience, Inc. (ECI) following standard chain-of-custody protocol for analysis of VOCs by Test Method 8260B; 1,4-Dioxane by Test Method 8260 SIM; and the dissolved gases methane, ethane, and ethene by Test Method RSK-175M.

For reference: All active groundwater well locations are shown on Figure 4; groundwater well construction data are presented in Table 1; cumulative groundwater elevation data is presented in Table 2; July 2019 groundwater elevation data for the Shallow and Intermediate Zones are depicted on Figures 5 and 8, respectively; cumulative VOC data in groundwater is presented in Table 3; July 2019 VOC data for the Shallow and Intermediate Zones are shown on Figures 6 and 7, and Figures 9 and 10, respectively; dissolved gases data is presented in Table 4; groundwater elevation and water quality hydrographs for all active monitoring wells are presented in Appendix A; and the laboratory reports including chain-of-custody documentation for the July 2019 sampling event are included in Appendix B.

4.1 Shallow Groundwater Zone

Groundwater elevations in the Shallow Zone in July 2019 ranged from a high of 29.86 feet above msl at well M-39 to a low of 20.52 feet msl at well ES-6. As shown on Figure 5, the groundwater elevation contours continue to indicate a residual groundwater depression in the general area of the former Shallow Zone extraction wells ES-1, ES-2, ES-3A, ES-4B, and ES-5A. Groundwater extraction for remediation was performed at these wells from 1991 to 2001. Prior to extraction, the apparent direction of groundwater flow in the Shallow Zone beneath the Site was to the southeast. Overall groundwater elevation in the Shallow Zone in July 2019 was on average 1.37 feet higher than July 2018. Historically, water levels within the Shallow Zone have not appeared to fluctuate seasonally. Groundwater elevation in Shallow Zone wells was on average 53 feet higher than nearby wells screened in the underlying Intermediate Zone during the July 2019 monitoring event.

Individual VOC concentrations in Shallow Zone groundwater are summarized in Table 3, shown on Figure 6, and plotted on the water quality hydrographs provided in Appendix A (primary compounds only). Total VOC concentrations are contoured on Figure 7. Two of the Shallow Zone wells sampled this event (M-29 and M-30) have had consistent non-detect results over the last five years. Total VOCs decreased in thirteen wells (M-25, M-33, M-36, M-37, M-45, KSKO-1, KSKO-2, ES-2, ES-4B, ES-5B, ES-6, SZT-1, and SZO-2) and increased in seven wells (M-25, M-38, M-39, M-40, ES-1, ES-3A and SZO-1) since the July 2018 event. The Shallow Zone dissolved gases results are as follows: ethane was only detected at wells ES-5A, SZT-1, SZO-1, and SZO-2, and ranged in from 0.036 to 0.35 µg/L; ethene was only detected at wells M-48R, ES-2, ES-4B, SZT-1, SZO-1, and SZO-2, and ranged in from 0.060 to 52 µg/L; and methane detected at all active wells ranged from 0.027 to 3,000 µg/L.

4.2 Intermediate Groundwater Zone

Groundwater elevations in the Intermediate Zone in July 2019 ranged from a high of 26.99 feet below msl at well I-3 to a low of 36.90 feet below msl at well I-21 (Figure 8). Prior to groundwater extraction from the Intermediate Zone at wells EI-1, EI-2, EI-3, EI-4, and EI-4A, which occurred from 1990 through 2004, and prior to groundwater recharge that occurred from 1996 through March 2008 at various wells, the direction of groundwater flow in the Intermediate Zone was to the northwest. The depth to water/groundwater elevation data related to the former recharge wells RI-1, RI-2, RI-3, and RI-4 have been excluded from the overall Intermediate Zone data set due to the extreme data inconsistencies in relation to the adjacent Intermediate Zone wells. Overall groundwater elevation in the Intermediate Zone in July 2018 was, on average, 0.10 feet higher than the July 2018 measurements.

Individual VOC concentrations in Intermediate Zone groundwater are summarized in Table 3, shown on Figure 9, and plotted on the water quality hydrographs provided in Appendix A (primary compounds only). Total VOC concentrations are contoured on Figure 10. Total VOCs decreased in fourteen (14) wells (I-1, I-3, I-6, I-8, I-11, I-15, I-16, I-18, I-19, I-20, I-21, IT-5, EI-3 and EI-4A), and increased in four wells (I-7, I-9, EI-1 and EI-2) since July 2018. The Intermediate Zone dissolved gases results are as follows: ethane was only detected at wells I-7, I-18 and I-20, at 0.055, 0.041, and 0.11 µg/L, respectively; ethene was only detected at wells I-1, I-4R, I-6, I-7, I-11, I-16, I-18, I-21, EI-2 and EI-3 and ranged in from 0.068 to 6.4 µg/L; and methane detected at all active wells ranged from 0.058 to 90 µg/L.

5.0 ENHANCED IN-SITU BIOREMEDIATION PILOT TEST PROGRESS

Geosyntec Consultants (Geosyntec) proposed the remediation of the primary Site contaminants of concern (COCs), which include PCE, TCE, and associated daughter products in groundwater by enhanced in-situ bioremediation (EISB) in the pilot test workplan addendum dated January 19, 2016 (Geosyntec 2016a), and subsequent addendums for the Shallow Zone dated April 12, 2016 (Geosyntec, 2016b) and for the Intermediate Zone dated May 13, 2016 (Geosyntec, 2016c). The SARWQCB Waste Discharge Requirements (WDR) and specific Monitoring and Reporting Program (MRP) for the EISB pilot test was received on January 3, 2017. Off-Site access agreement negotiations delayed the EISB implementation until late July 2017.

Specific information regarding the implementation of the EISB pilot test injection activities can be found in the 2017 Annual Groundwater and Remediation Progress Report dated January 2018 (JHA 2018) and uploaded to GeoTracker. In general, the EISB pilot test injection activities in the Intermediate Zone began on August 8, 2017 and concluded August 17, 2017 with the injection of approximately 33,550 gallons of emulsified vegetable oil (EVO) solution and biologically engineered *Dehalococcoides* sp. [Dhc (KB-1®)] in the newly-installed Intermediate Zone injection wells EISB-I1 through EISB-I4; and in the Shallow Zone beginning August 22, 2017 and concluded on October 4, 2017 with the injection of approximately 33,210 gallons of EVO and KB-1® into the newly-installed Shallow Zone injection well EISB-S1. The EVO injection volume summary for the 2017 Intermediate and Shallow Zone injection event is provided in Tables 5a and 5b; and the injection well locations are depicted on Figure 4. No EISB injection activities occurred in Third Quarter 2019.

5.1 Third Quarter 2019 WDR Compliance Monitoring and Sampling

Third Quarter 2019 WDR compliance monitoring and sampling was completed concurrently with the 2019 Annual Site-wide event on July 18 through 20, 2019 at WDR MRP Shallow Zone Wells ES-2, ES-3A, SZT-1, SZO-1 and SZO-2; and Intermediate Zone Wells I-1, I-18 and I-19. As stated in the 2017 Annual Report, former Recharge Well RI-2 was not able to be redeveloped into a monitoring point, therefore RI-2 was not sampled during the Third Quarter 2019 event. All WDR MRP wells are depicted on Figure 4.

5.1.1 Monitoring and Sampling Methodology

Prior to purging and sampling activities, depth to water was gauged at all of the active MRP wells. All active MRP wells were purged and sampled utilizing the low-flow/parameter stabilization method with dedicated tubing and calibrated water quality meters. Each active MRP well was purged at approximately 200 milliliters per minute until the recorded water quality parameters stabilized within approximately 10 percent of the previous readings, for three consecutive readings. Representative groundwater samples were collected in laboratory-provided sample containers and stored on ice in the field. Quality Assurance/Quality Control (QA/QC) samples

were also collected including one duplicate groundwater sample and trip blanks each day of sampling. All samples (primary and QA/QC) for were submitted to Eurofins Calscience, Inc. (ECI), an accredited California Environmental Laboratory Program (ELAP) laboratory, following standard chain-of-custody protocol. All of the collected primary groundwater samples were analyzed for VOCs by EPA Method 8260B; 1,4-Dioxane by EPA Method 8260 SIM; dissolved gases (methane, ethane, and ethene) by RSK-175M; nitrate, sulfate, and chloride by EPA Method 300.0; dissolved manganese and iron, and total iron by EPA Method 6010B; total dissolved solids (TDS) by SM 2540C; alkalinity by SM 2320B; total organic carbon (TOC) by Method SM 5310D; and volatile fatty acids by HPLC/UV. Groundwater samples from SZT-1, SZO-1, SZO-2 and I-18 were submitted to SiREM laboratory for Dhc analysis by PCR. Hydrogen sulfide was field screened utilizing test kit HS-C by the Hach Company® at all active MRP wells. Groundwater samples for dissolved metals analysis were filtered in the field with a disposable 0.45 micron filter. The QA/QC samples were analyzed for VOCs only.

5.1.2 Third Quarter 2019 Site-Wide Gauging Results

Gauging was completed at all active wells for the combined Third Quarter 2019 WDR and 2019 Annual Site-wide. The Site-wide gauging and groundwater elevation data for the Shallow and Intermediate Zones is discussed in Sections 4.1 and 4.2, respectively. The MRP field monitoring parameters are provided in Table 6.

5.1.3 Third Quarter 2019 MRP Analytical Results

The Site-wide dissolved gases groundwater analytical results for the Shallow and Intermediate Zones are summarized in Sections 4.1 and 4.2, respectively.

The following lists the VOC analytical results for the active MRP wells for this event and is summarized in Table 3:

- Acetone was detected in ES-3A, SZO-1 and SZO-2 at 4.5, 2,300 and 1,000 µg/L, respectively.
- Benzene was only detected in ES-2 at an estimated concentration of 0.25 µg/L.
- 2-Butanone was only detected in SZO-1 at an estimated concentration of 36 µg/L.
- Chlorobenzene was detected in SZT-1, SZO-1 and SZO-2 at 900, 190 and 37 µg/L, respectively.
- Chloroethane was detected in SZO-1 and I-1 at 7.2 and 1.2 µg/L, respectively.
- 1,2-Dichlorobenzene was detected in ES-2, SZT-1, SZO-1 and SZO-2 at concentrations ranging from 3.9 to 320 µg/L.
- 1,3-Dichlorobenzene was only detected in SZT-1 at an estimated concentration of 5.3 µg/L.
- 1,4-Dichlorobenzene was detected in SZT-1, SZO-1 and SZO-2 at 52, 2.6 and 4.4 µg/L, respectively.
- 1,1-Dichloroethane was detected in ES-2, SZT-1, SZO-1, SZO-2, I-1 and I-18 at concentrations ranging from 0.87 to 700 µg/L.
- 1,2-Dichloroethane was only detected in well SZO-2 at an estimated concentration of 2.3 µg/L.
- 1,1-Dichloroethene was detected in ES-2 and I-1 at estimated concentrations of 0.19 and 1.6 µg/L, respectively.
- cis-1,2-Dichloroethene was detected in all active MRP wells at concentrations ranging from 0.39 to 340 µg/L.

- trans-1,2-Dichloroethene was detected in ES-2, ES-3A, SZT-1, I-1 and I-18 at concentrations ranging from 0.16 to 66 µg/L.
- Ethylbenzene was only detected in SZT-1, SZO-1 and SZO-2 at 130, 39 and 35 µg/L, respectively.
- Isopropylbenzene was only detected in SZT-1 at an estimated concentration of 2.1 µg/L.
- Methylene chloride was detected in ES-3A, SZO-1 and SZO-2 at estimated concentrations of 0.056, 1.3 and 8.0 µg/L, respectively.
- n-Propylbenzene was only detected in SZT-1 at an estimated concentration of 1.6 µg/L.
- PCE was only detected in ES-2 at an estimated concentration of 0.32 µg/L.
- Toluene was detected only in SZT-1, SZO-1 and SZO-2 at 11, 3.9 and 15 µg/L, respectively.
- 1,1,1-Trichloroethane was only detected in SZO-2 at 18 µg/L.
- TCE was detected in ES-2, ES-3A, SZT-1, SZO-2 and I-1 at concentrations ranging from 0.19 to 5.7 µg/L.
- 1,2,4-Trimethylbenzene was only detected in SZT-1 at 3.9 µg/L.
- Vinyl chloride was detected in ES-2, SZT-1, SZO-1, SZO-2, I-1 and I-18 at concentrations ranging from 5.4 to 400 µg/L.
- Total xylenes were detected in SZT-1, SZO-1 and SZO-2 at 141, 48 and 119 µg/L, respectively.
- 1,4-Dioxane was detected in ES-2, SZT-1, SZO-1, SZO-2, I-1 and I-18 at concentrations ranging from 0.12 to 1,100 µg/L.

The VOC groundwater analytical results are summarized in Table 3 and the laboratory reports are provided in Appendix B. The duplicate sample collected at EI-2, DUP-2 was run past the holding time for VOC analysis due to laboratory error, but generally reflected the results of the primary sample. Overall the results of the duplicate groundwater samples collected at M-36 and I-4R reflected the results of the primary groundwater sample. The laboratory prepared trip blanks that accompanied the primary groundwater samples each day of sampling were non-detect for VOCs.

The following lists the metals groundwater analytical results for the active MRP wells for this event and is summarized in Table 7:

- Total iron was detected in ES-3A, SZT-1, SZO-1, SZO-2, I-1 and I-19 at concentration ranging from 0.271 to 75.2 milligrams per liter (mg/L).
- Dissolved iron was detected in SZO-1, SZO-2, I-1 and I-19 at concentrations ranging from 0.143 to 68.4 mg/L.
- Dissolved manganese detected all MRP wells and ranged in concentration from 0.0255 to 3.35 mg/L.

The following lists the non-metals groundwater analytical results for the active MRP wells for this event and is summarized in Table 8:

- Alkalinity (as calcium carbonate) ranged from 142 to 1,320 mg/L in all MPR wells.
- Chloride ranged from 35 to 710 mg/L in all MPR wells.
- Sulfate ranged from 1.5 to 750 mg/L in all MRP wells.
- Nitrate (as nitrogen) was only detected in ES-2 at 0.21 mg/L.
- TOC ranged from 1.54 to 640 mg/L in all MRP wells.

- Analysis of TDS was run past the hold time for the samples collected SZT-1, SZO-1, SZO-2 and I-1 due to laboratory error. Overall TDS ranged from 580 to 4,050 mg/L in all MRP wells.
- Analysis of the volatile fatty acids (VFAs) acetic, butyric, lactic, propionic and pyruvic was only completed at SZT-1, SZO-1, SZO-2 and I-18, and the results are summarized below:
    - Acetic acid was only detected in SZO-1 at 1,000 mg/L.
    - Butyric acid was only detected in SZO-1 at 1,600 mg/L.
    - Lactic acid was not detected in any of the wells listed above.
    - Propionic acid was detected only in wells SZT-1 and SZO-1 at 7.6 and 99 mg/L, respectively.
    - Pyruvic acid was not detected in any of the wells listed above.

Analysis of Dhc was only completed as wells SZT-1, SZO-1, SZO-2 and I-18. Dhc populations remained stable at SZT-1, decreased by 200,000 at SZO-1, decreased by 40 million at SZO-2, and decreased by 8 million at I-18 compared to the Second Quarter 2019 data. The Dhc results are summarized in Table 9 and the laboratory report is provided in Appendix C.

5.1.4 Groundwater Results Discussion

The following provides a summary of results and observations as they relate to EISB remedial progress for the Shallow and Intermediate Groundwater Zones:

Shallow Groundwater Zone – Comparison of groundwater chemistry data collected during the Third Quarter 2019 to Second Quarter 2019 indicates that EISB pilot test injections continue to have a recognizable, positive impact on groundwater quality in the immediate vicinity of the injection area (i.e. near monitoring well SZT-1). At SZT-1 all chlorinated ethene VOCs showed declines following the injections. As of the Second Quarter 2019 chlorinated ethene VOC concentrations were limited to cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride. Concentrations remained relatively similar in the Third Quarter 2019 with continued low concentrations of cis-1,2-DCE and vinyl chloride. Concentrations of TCE remain at trace levels and PCE has been below laboratory reporting limits since 2017. Concentration fluctuations likely reflect migration of water from areas outside the initial radius of influence of the injections and conditions remain conducive for ongoing degradation of chlorinated ethenes.

Microbial genetic data confirm that a robust population of Dhc has been established and remains in the area of SZT-1 with the Third Quarter Dhc concentrations being maintained at $7x10^7$ cells per liter. Ethene concentrations persist in the Third Quarter 2019 (52 µg/L) which is evidence that biological degradation of VOCs is ongoing. Although ethene concentrations declined slightly from the Second Quarter, this is most likely due to the presence of lower concentrations of chlorinated VOCs which are being converted to ethene. Geochemical data at SZT-1 indicate that the groundwater chemistry is sufficient for biodegradation (reduction in dissolved oxygen, nitrate, and ORP; increase in TOC, VFAs, manganese, hydrogen sulfide, and methane), further supporting the VOC and genetic data. Acidic pH conditions were reported in December 2017 and January 2018 but subsequently increased and remained in a circumneutral range in late 2018 and early 2019. Third Quarter 2019 pH conditions declined slightly to 6.71 from the Second Quarter 2019 value of 7.23.

Data from monitor wells SZO-1 and SZO-2 suggest that the immediate improvements to groundwater quality following the EISB injections were likely related to early dilutionary effects of the injections, rather than contaminant degradation. However, residual chlorinated ethene VOC concentrations have continued to decline in these wells, likely due to ongoing degradation processes. Between the Second and Third Quarters 2019 chlorinated ethene VOC concentrations remained consistent with continued decline in vinyl chloride concentrations at SZO-2.

Evidence of continued biological activity is supported by the ongoing detection of ethene at both wells. Conditions remain anaerobic however in the Third Quarter 2019 the groundwater pH has decreased at both wells, SZO-1 and SZO-2. The reported concentrations of Dhc at SZO-1 and SZO-2 have declined slightly over the past few Quarters but are still sufficient to sustain active degradation processes.

Intermediate Groundwater Zone – Groundwater chemistry data collected from IGZ well I-18 indicate that this well is likely situated on the downgradient edge of the area of active degradation developed from the intermediate zone injection wells. Overall, VOC concentrations at IGZ well I-18 continue to show stable/declining concentrations of cis-1,2-DCE, trans-1,2-DCE and continued elevated concentrations of vinyl chloride compared to pre-injection conditions. Based on recent groundwater elevation contours, I-19 is located side-gradient of the injection zone and does not show any direct effects from the injections; However, I-19 continues to have little to no detected VOCs.

Continuing into the Third Quarter 2019, downgradient/cross gradient well I-18 has reduced ORP, detectable ethene, sufficient Dhc microbial counts, and elevated methane concentrations. Total organic carbon concentrations continue to be very low and are likely the limiting factor in the activity of microbial degradation processes in the immediate vicinity of I-18. The vinyl chloride concentrations that increased at this location following the injections continue into the Third Quarter 2019 and are likely associated with partial degradation of VOCs along a small zone at the edge of the area affected by the EISB injections. This progress will continue to be tracked during subsequent monitoring events.

6.0 INVESTIGATION DERIVED WASTE

Investigation derived waste (IDW) generated during the Third Quarter 2019 groundwater monitoring event was appropriately containerized, labeled and hauled off-Site for proper disposal by American Integrated Services, Inc. on July 25, 2019. A copy of the facility signed manifest is provided in Appendix D.

7.0 CONTINUING SITE WORK

- Fourth Quarter 2019 groundwater monitoring and sampling pf the MRP wells per the WDR was conducted October 14 and 15, 2019, and the results will be reported under separate cover.
- Quarterly groundwater monitoring and sampling of the MRP wells per the WDR will continue in January, April, July, and October of 2020. The annual Site-wide event will coincide with the Third Quarter event in July 2020.
- Remediation progress will continue to be tracked and documented in upcoming Quarterly WDR monitoring reports. Additional work may be required based on monitoring data to enhance and/or maximize the efficiency of the ongoing bioremediation.

8.0 REFERENCES

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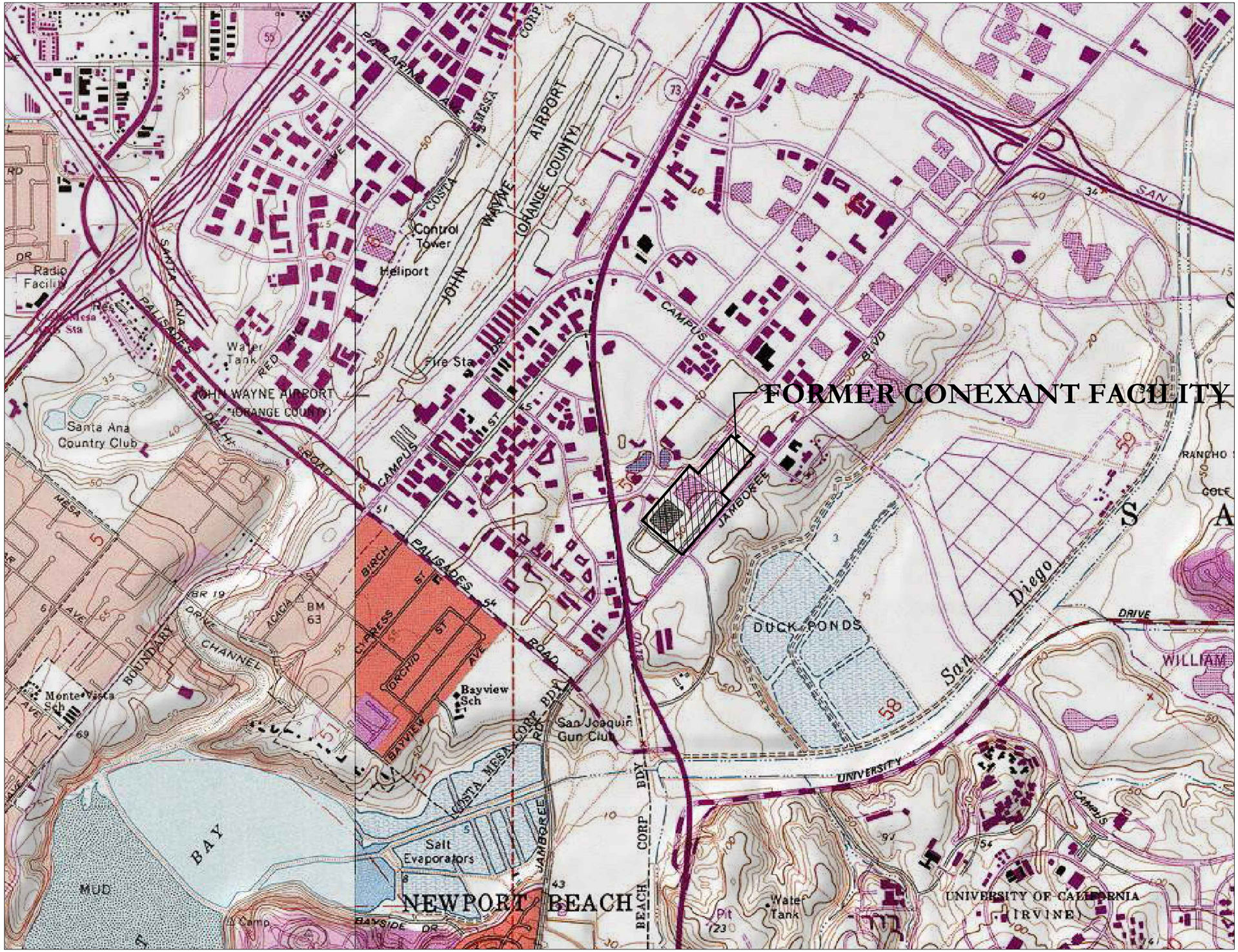
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Santa Ana Regional Water Quality Control Board (SARWQCB 2008b) Directive Letter. *High Vacuum Soil Vapor Extraction Workplan and Monitoring Well Destruction Workplan Addendum, Conexant Facility, 4311 Jamboree Road, Newport Beach*. March 5, 2008.

FIGURES

FIGURE 1
SITE LOCATION MAP

FORMER CONEXANT FACILITY
4311 JAMBOREE ROAD
NEWPORT BEACH, CA



BASE MAP FROM USGS, TUSTIN QUADRANGLE, CALIFORNIA – ORANGE CO., 7.5 MINUTE SERIES, 1965 (PHOTOREVISED 1981)

JHA ENVIRONMENTAL, INC.
15375 BARRANCA PARKWAY, SUITE #J-101
IRVINE, CALIFORNIA 92618
PHONE: (949) 453-1045 FAX: (949) 453-1047

MACARTHUR BLVD

LAKE

LAKE

VON KARMAN AVE

STREET

FORMER SITE OF
BUILDING 502

502

SITE
BOUNDRY

TOWERJAZZ
(FORMER BUILDING 503)

UPTOWN NEWPORT
PHASE I

JAMBOREE ROAD

N

GRAPHIC SCALE 1"=200'

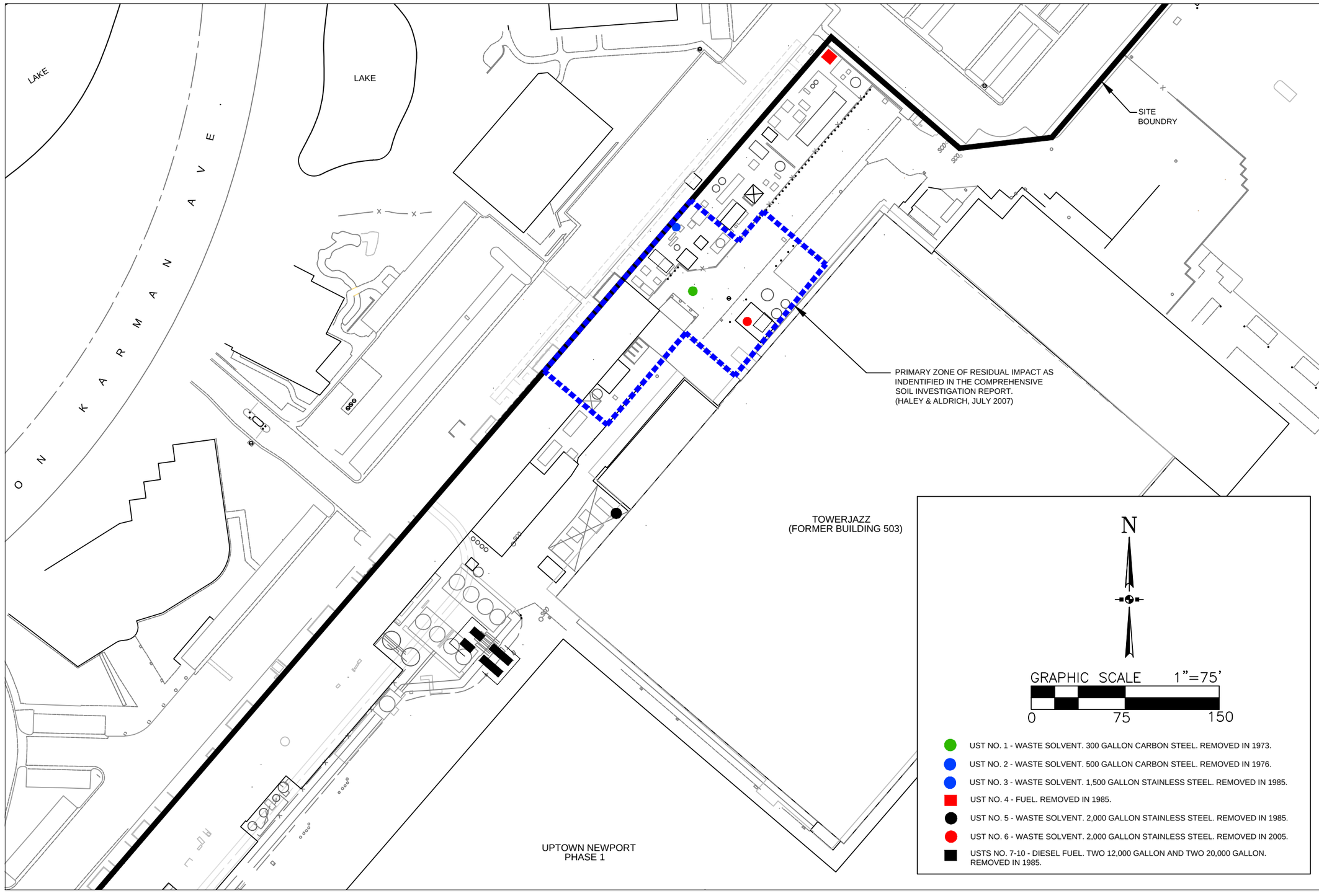
0 100 200 400

FIGURE 2
SITE MAP

FORMER CONEXANT FACILITY
4311 JAMBOREE ROAD
NEWPORT BEACH, CA

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FIGURE 3
LOCATION OF FORMER USTs
FORMER CONEXANT FACILITY
4311 JAMBOREE ROAD
NEWPORT BEACH, CA



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FIGURE 4
GROUNDWATER WELL LOCATIONS
FORMER CONEXANT FACILITY
4311 JAMBOREE ROAD
NEWPORT BEACH, CA

EXPLANATION

- SHALLOW ZONE MONITOR WELL
- SHALLOW ZONE EXTRACTION WELL (NOT IN OPERATION)
- INTERMEDIATE ZONE MONITOR WELL
- INTERMEDIATE ZONE EXTRACTION WELL (NOT IN OPERATION)
- INTERMEDIATE ZONE RECHARGE WELL (NOT IN OPERTATION)
- DESTROYED WELL
- DPE TEST WELL
- SHALLOW ZONE ENHANCED IN-SITU BIOREMEDIATION INJECTION WELL
- INTERMEDIATE ZONE ENHANCED IN-SITU BIOREMEDIATION INJECTION WELL

M-44, M-41, I-5, I-10, RI-4, I-14, I-17, L-1, M-29, I-8, KIBB-1, I-15, RI-3, M-42, M-30, M-26, EI-4A, EI-4, M-25, I-21, I-11, I-9, I-9C, M-38, I-9A, I-9B, IT-2, IT-5, ES-1, I-12, RI-2, EISB-I1, I-19, I-18, EISB-I2, EISB-I3, EISB-I4, I-1, M-43, L-3, M-39, IT-1, L-4, EISB-S1, M-28, M-21, IT-8, I-7, EI-1, SZT-1, ES-2, SZO-2, SZO-1, IT-3, M-22, IT-6, M-20, I-16, IT-4, IT-7, M-36, ES-3A, M-34, M-31, FORMER SITE OF BUILDING 502, KSKO-1, ES-3, KSKO-2, EI-2, TOWERJAZZ (FORMER BUILDING 503), IZXX, M-33, RI-1, VON KARMAN AVENUE, MACARTHUR BLVD, 502, ES-4B, ES-4A, M-45, EI-3, M-40, M-47, L-2, I-2, M-23, I-6, ES-5, I-20, ES-5A, ES-6, M-35, M-48R, M-27, M-24, UPTOWN NEWPORT PHASE 1, I-4R, M-48, I-13, M-37, I-4, M-32, JAMBOREE ROAD, BIRCH STREET

N

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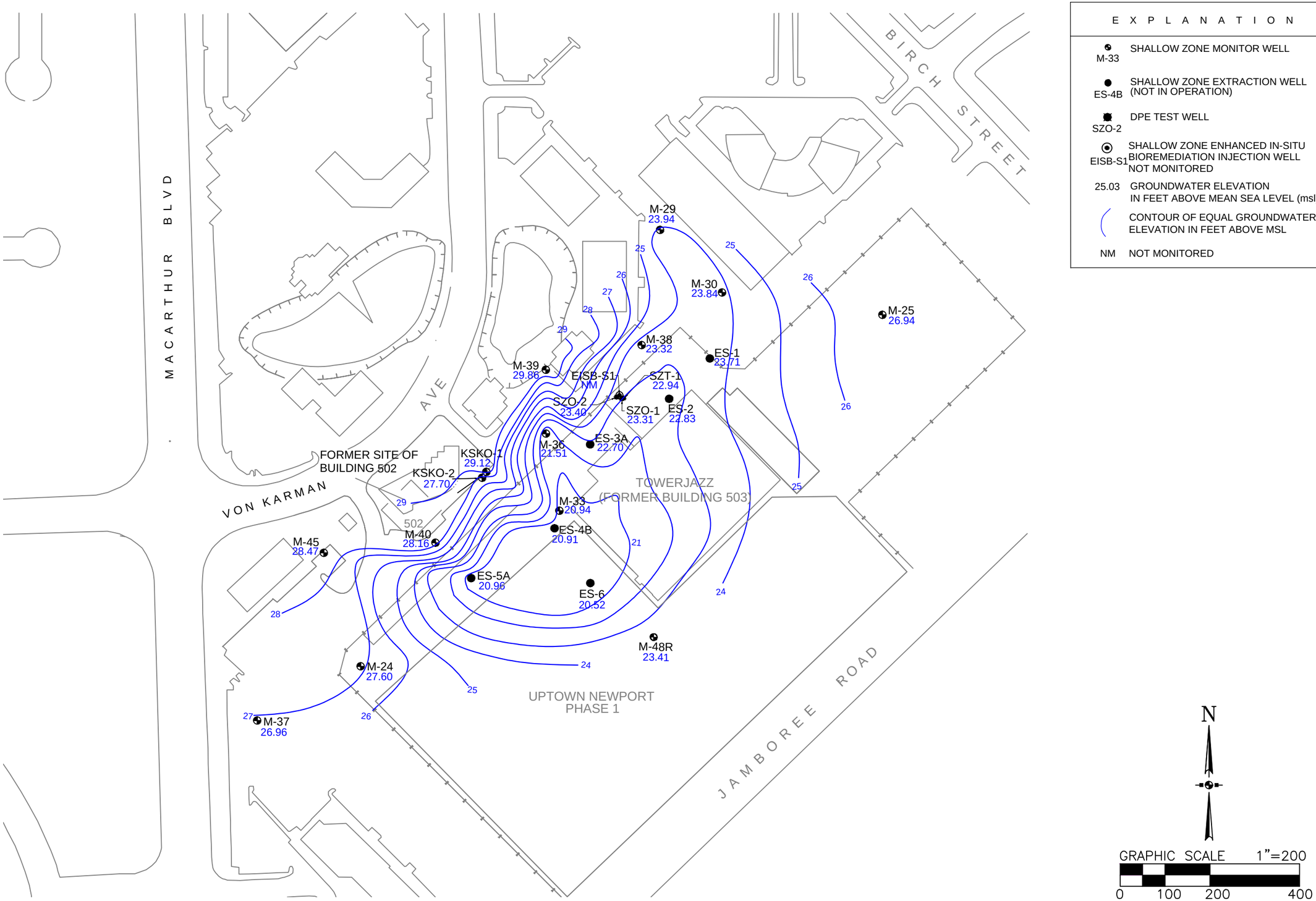
BASE MAP DERIVED FROM HALEY & ALDRICH, 2007 ANNUAL GROUNDWATER MONITORING REPORT, JUNE 2007

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FIGURE 5
SHALLOW ZONE GROUNDWATER ELEVATION – JULY 2019
FORMER CONEXANT FACILITY
4311 JAMBOREE ROAD
NEWPORT BEACH, CA

E X P L A N A T I O N

- M-33 — SHALLOW ZONE MONITOR WELL
- ES-4B — SHALLOW ZONE EXTRACTION WELL (NOT IN OPERATION)
- SZO-2 — DPE TEST WELL
- EISB-S1 — SHALLOW ZONE ENHANCED IN-SITU BIOREMEDIATION INJECTION WELL NOT MONITORED
- 25.03 — GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (msl)
- CONTOUR OF EQUAL GROUNDWATER ELEVATION IN FEET ABOVE MSL
- NM — NOT MONITORED



N

GRAPHIC SCALE 1"=200

0 100 200 400

BASE MAP DERIVED FROM HALEY & ALDRICH, 2007 ANNUAL GROUNDWATER MONITORING REPORT, JUNE 2007

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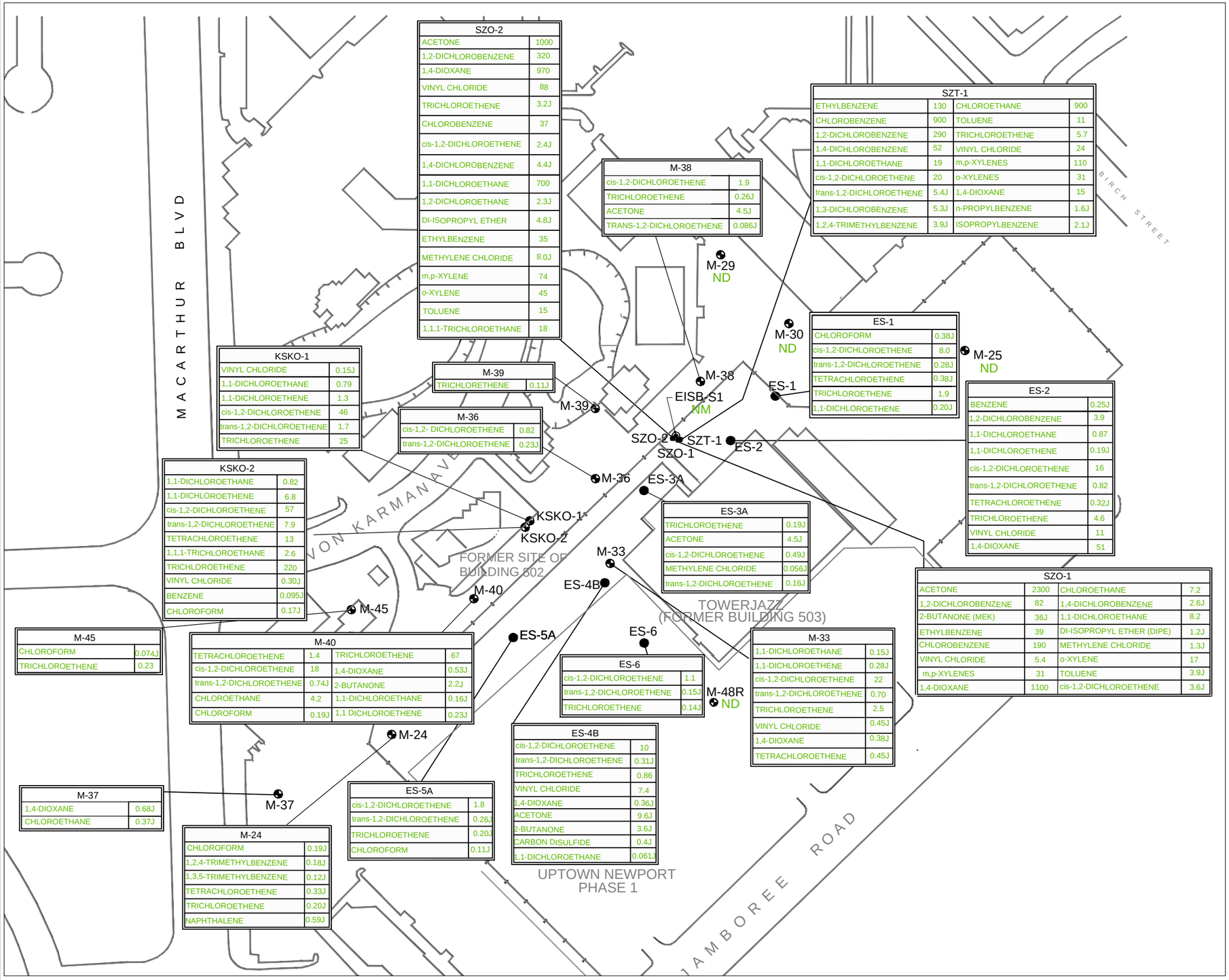
FIGURE 6

ORGANIC COMPOUNDS IN SHALLOW ZONE GROUNDWATER – JULY 2019

FORMER CONEXANT FACILITY

4311 JAMBOREE ROAD

NEWPORT BEACH, CA



SZO-2	
ACETONE	1000
1,2-DICHLOROBENZENE	320
1,4-DIOXANE	970
VINYL CHLORIDE	88
TRICHLOROETHENE	3.2J
CHLOROBENZENE	37
cis-1,2-DICHLOROETHENE	2.4J
1,4-DICHLOROBENZENE	4.4J
1,1-DICHLOROETHANE	700
1,2-DICHLOROETHANE	2.3J
DI-ISOPROPYL ETHER	4.8J
ETHYLBENZENE	35
METHYLENE CHLORIDE	8.0J
m,p-XYLENE	74
o-XYLENE	45
TOLUENE	15
1,1,1-TRICHLOROETHANE	18

M-38	
cis-1,2-DICHLOROETHENE	1.9
TRICHLOROETHENE	0.26J
ACETONE	4.5J
TRANS-1,2-DICHLOROETHENE	0.086J

SZT-1			
ETHYLBENZENE	130	CHLOROETHANE	900
CHLOROBENZENE	900	TOLUENE	11
1,2-DICHLOROBENZENE	290	TRICHLOROETHENE	5.7
1,4-DICHLOROBENZENE	52	VINYL CHLORIDE	24
1,1-DICHLOROETHANE	19	m,p-XYLENES	110
cis-1,2-DICHLOROETHENE	20	o-XYLENES	31
trans-1,2-DICHLOROETHENE	5.4J	1,4-DIOXANE	15
1,3-DICHLOROBENZENE	5.3J	n-PROPYLBENZENE	1.6J
1,2,4-TRIMETHYLBENZENE	3.9J	ISOPROPYLBENZENE	2.1J

KSKO-1	
VINYL CHLORIDE	0.15J
1,1-DICHLOROETHANE	0.79
1,1-DICHLOROETHENE	1.3
cis-1,2-DICHLOROETHENE	46
trans-1,2-DICHLOROETHENE	1.7
TRICHLOROETHENE	25

M-39	
TRICHLORETHENE	0.11J

M-36	
cis-1,2- DICHLOROETHENE	0.82
trans-1,2-DICHLOROETHENE	0.23J

ES-1	
CHLOROFORM	0.38J
cis-1,2-DICHLOROETHENE	8.0
trans-1,2-DICHLOROETHENE	0.28J
TETRACHLOROETHENE	0.38J
TRICHLOROETHENE	1.9
1,1-DICHLOROETHENE	0.20J

ES-2	
BENZENE	0.25J
1,2-DICHLOROBENZENE	3.9
1,1-DICHLOROETHANE	0.87
1,1-DICHLOROETHENE	0.19J
cis-1,2-DICHLOROETHENE	16
trans-1,2-DICHLOROETHENE	0.82
TETRACHLOROETHENE	0.32J
TRICHLOROETHENE	4.6
VINYL CHLORIDE	11
1,4-DIOXANE	51

KSKO-2	
1,1-DICHLOROETHANE	0.82
1,1-DICHLOROETHENE	6.8
cis-1,2-DICHLOROETHENE	57
trans-1,2-DICHLOROETHENE	7.9
TETRACHLOROETHENE	13
1,1,1-TRICHLOROETHANE	2.6
TRICHLOROETHENE	220
VINYL CHLORIDE	0.30J
BENZENE	0.095J
CHLOROFORM	0.17J

ES-3A	
TRICHLOROETHENE	0.19J
ACETONE	4.5J
cis-1,2-DICHLOROETHENE	0.49J
METHYLENE CHLORIDE	0.056J
trans-1,2-DICHLOROETHENE	0.16J

SZO-1			
ACETONE	2300	CHLOROETHANE	7.2
1,2-DICHLOROBENZENE	82	1,4-DICHLOROBENZENE	2.6J
2-BUTANONE (MEK)	36J	1,1-DICHLOROETHANE	8.2
ETHYLBENZENE	39	DI-ISOPROPYL ETHER (DIPE)	1.2J
CHLOROBENZENE	190	METHYLENE CHLORIDE	1.3J
VINYL CHLORIDE	5.4	o-XYLENE	17
m,p-XYLENES	31	TOLUENE	3.9J
1,4-DIOXANE	1100	cis-1,2-DICHLOROETHENE	3.6J

M-45	
CHLOROFORM	0.074J
TRICHLOROETHENE	0.23

M-40			
TETRACHLOROETHENE	1.4	TRICHLOROETHENE	67
cis-1,2-DICHLOROETHENE	18	1,4-DIOXANE	0.53J
trans-1,2-DICHLOROETHENE	0.74J	2-BUTANONE	2.2J
CHLOROETHANE	4.2	1,1-DICHLOROETHANE	0.16J
CHLOROFORM	0.19J	1,1 DICHLOROETHENE	0.23J

ES-6	
cis-1,2-DICHLOROETHENE	1.1
trans-1,2-DICHLOROETHENE	0.15J
TRICHLOROETHENE	0.14J

M-33	
1,1-DICHLOROETHANE	0.15J
1,1-DICHLOROETHENE	0.28J
cis-1,2-DICHLOROETHENE	22
trans-1,2-DICHLOROETHENE	0.70
TRICHLOROETHENE	2.5
VINYL CHLORIDE	0.45J
1,4-DIOXANE	0.38J
TETRACHLOROETHENE	0.45J

ES-4B	
cis-1,2-DICHLOROETHENE	10
trans-1,2-DICHLOROETHENE	0.31J
TRICHLOROETHENE	0.86
VINYL CHLORIDE	7.4
1,4-DIOXANE	0.36J
ACETONE	9.6J
2-BUTANONE	3.6J
CARBON DISULFIDE	0.4J
1,1-DICHLOROETHANE	0.061J

M-37	
1,4-DIOXANE	0.68J
CHLOROETHANE	0.37J

ES-5A	
cis-1,2-DICHLOROETHENE	1.8
trans-1,2-DICHLOROETHENE	0.26J
TRICHLOROETHENE	0.20J
CHLOROFORM	0.11J

M-24	
CHLOROFORM	0.19J
1,2,4-TRIMETHYLBENZENE	0.18J
1,3,5-TRIMETHYLBENZENE	0.12J
TETRACHLOROETHENE	0.33J
TRICHLOROETHENE	0.20J
NAPHTHALENE	0.59J

EXPLANATION

- SHALLOW ZONE MONITOR WELL
- SHALLOW ZONE EXTRACTION WELL (NOT IN OPERATION)
- DPE TEST WELL
- SHALLOW ZONE ENHANCED IN-SITU BIOREMEDIATION INJECTION WELL
- EISB-S1 NOT MONITORED
- WELL IDENTIFICATION
- ES-2 / BENZENE 0.92 — VOLTILE ORGANIC COMPOUNDS (VOCS) CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
- ND NOT DETECTED ABOVE LABORATORY METHOD DECTION LIMIT
- J ANYALYTE DETECTED AT A CONCENTRATION BELOW THE REPORTING LIMIT AND ABOVE THE METHOD DETECTION LIMIT

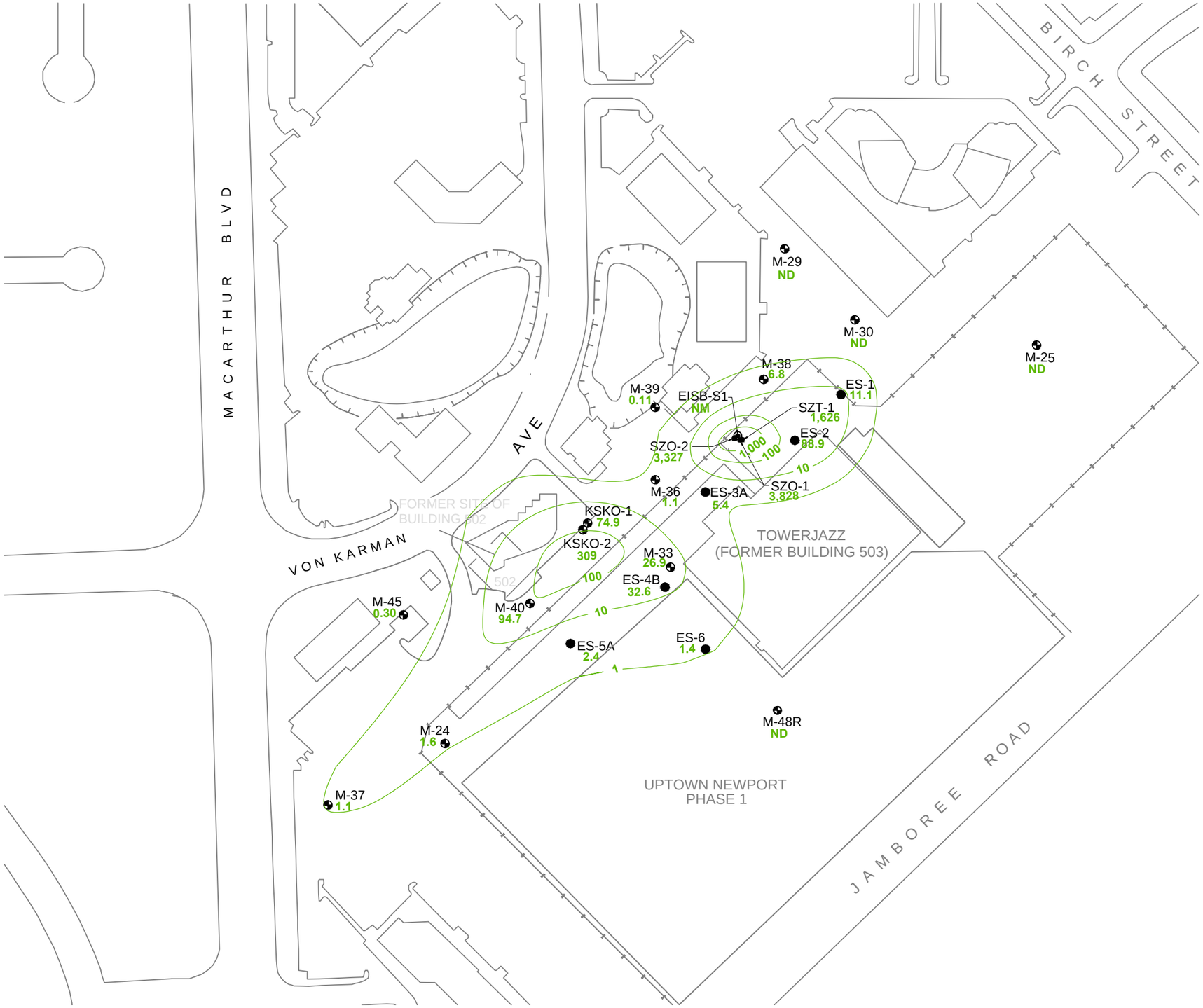
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GRAPHIC SCALE 1"=200

0 100 200 400

BASE MAP DERIVED FROM HALEY & ALDRICH, 2007 ANNUAL GROUNDWATER MONITORING REPORT, JUNE 2007

JHA ENVIRONMENTAL, INC.
15375 BARRANCA PARKWAY, SUITE #J-101
IRVINE, CALIFORNIA 92618
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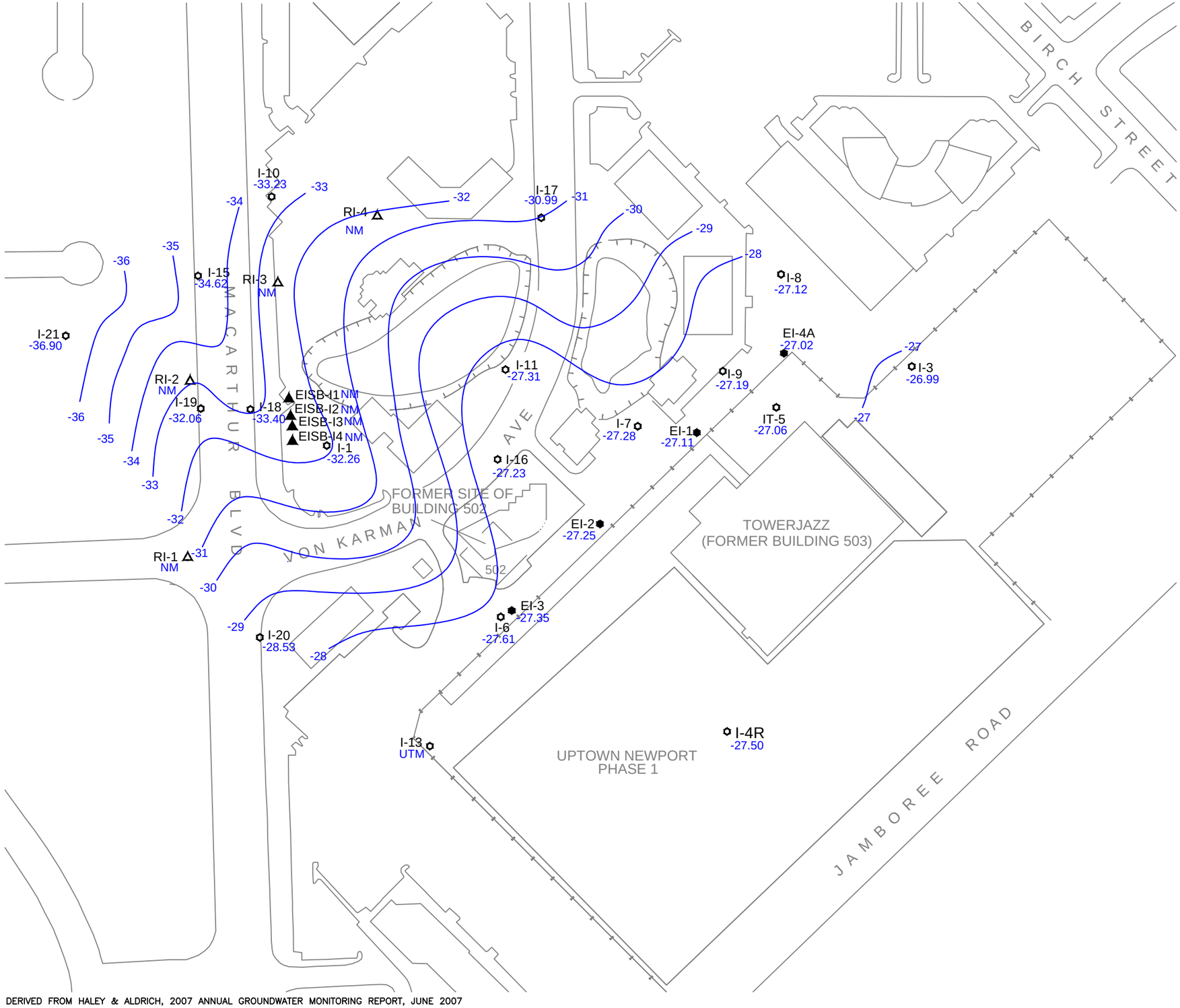
EXPLANATION

- SHALLOW ZONE MONITOR WELL
- SHALLOW ZONE EXTRACTION WELL (NOT IN OPERATION)
- DPE TEST WELL
- EISB-S1 SHALLOW ZONE ENHANCED IN-SITU BIOREMEDIATION INJECTION WELL NOT MONITORED
- ND NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMIT
- 23 TOTAL VOLITILE ORGANIC COMPOUNDS (VOCS) IN MICROGRAMS PER LITER (ug/L)
- CONTOUR OF EQUAL TOTAL VOC (VOLATILE ORGANIC COMPOUND) CONCENTRATION IN MICROGRAMS PER LITER (ug/L) DASHED WHERE INFERRED
- NM NOT MONITORED

BASE MAP DERIVED FROM HALEY & ALDRICH, 2007 ANNUAL GROUNDWATER MONITORING REPORT, JUNE 2007

FIGURE 7
TOTAL VOCs IN SHALLOW ZONE GROUNDWATER – JULY 2019
FORMER CONEXANT FACILITY
4311 JAMBOREE ROAD
NEWPORT BEACH, CA

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E X P L A N A T I O N

- ○ INTERMEDIATE ZONE MONITOR WELL
- ⬢ INTERMEDIATE ZONE EXTRACTION WELL (NOT IN OPERATION)
- △ INTERMEDIATE ZONE RECHARGE WELL (NOT IN OPERATION)
- ▲ EISB-I1 INTERMEDIATE ZONE ENHANCED IN-SITU BIOREMEDIATION INJECTION WELL NOT MONITORED
- -32.19 GROUNDWATER ELEVATION IN FEET BELOW MEAN SEA LEVEL (msl)
- CONTOUR OF EQUAL GROUNDWATER ELEVATION IN FEET BELOW MSL
- NM NOT MONITORED
- UTM UNABLE TO MONITOR

N

GRAPHIC SCALE 1"=200

0 100 200 400

BASE MAP DERIVED FROM HALEY & ALDRICH, 2007 ANNUAL GROUNDWATER MONITORING REPORT, JUNE 2007

FIGURE 8

INTERMEDIATE ZONE GROUNDWATER ELEVATION – JULY 2019

FORMER CONEXANT FACILITY
4311 JAMBOREE ROAD
NEWPORT BEACH, CA

JHA ENVIRONMENTAL, INC.
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IRVINE, CALIFORNIA 92618
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E X P L A N A T I O N

- INTERMEDIATE ZONE MONITOR WELL
- INTERMEDIATE ZONE EXTRACTION WELL (NOT IN OPERATION)
- INTERMEDIATE ZONE RECHARGE WELL (NOT IN OPERATION)
- EISB-I1 INTERMEDIATE ZONE ENHANCED IN-SITU BIOREMEDIATION INJECTION WELL NOT MONITORED

WELL IDENTIFICATION

I-31	
BENZENE	0.92

VOLTILE ORGANIC COMPOUNDS (VOCS) CONCENTRATION IN MICROGRAMS PER LITER (ug/L)

ND NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMIT

UTM UNABLE TO MONITOR

NM NOT MONITORED

J ANYALYTE DETECTED AT A CONCENTRATION BELOW THE REPORTING LIMIT AND ABOVE THE METHOD DETECTION LIMIT

N

GRAPHIC SCALE 1"=200

0 100 200 400

BASE MAP DERIVED FROM HALEY & ALDRICH, 2007 ANNUAL GROUNDWATER MONITORING REPORT, JUNE 2007

FIGURE 9

ORGANIC COMPOUND IN INTERMEDIATE ZONE GROUNDWATER – JUL 2019

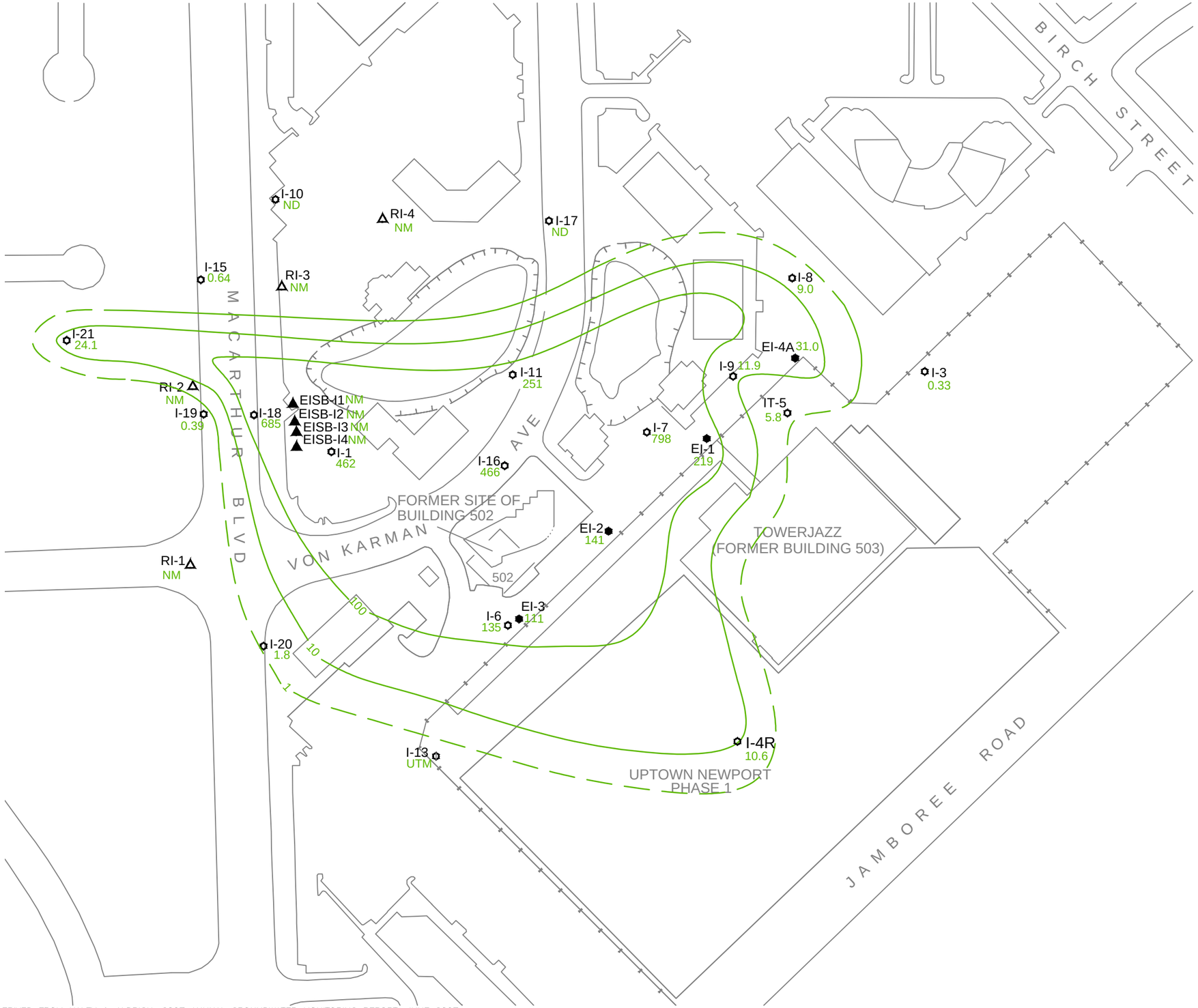
FORMER CONEXANT FACILITY

4311 JAMBOREE ROAD

NEWPORT BEACH, CA

JHA ENVIRONMENTAL, INC.
15375 BARRANCA PARKWAY, SUITE #J-101
IRVINE, CALIFORNIA 92618
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FIGURE 10
TOTAL VOCS IN INTERMEDIATE ZONE GROUNDWATER – JULY 2019
FORMER CONEXANT FACILITY
4311 JAMBOREE ROAD
NEWPORT BEACH, CA



EXPLANATION

- ⬡ INTERMEDIATE ZONE MONITOR WELL
- ⬢ INTERMEDIATE ZONE EXTRACTION WELL (NOT IN OPERATION)
- △ INTERMEDIATE ZONE RECHARGE WELL (NOT IN OPERATION)
- ▲ EISB-I1 INTERMEDIATE ZONE ENHANCED IN-SITU BIOREMEDIATION INJECTION WELL NOT MONITORED
- ND NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMIT
- UTM UNABLE TO MONITOR
- NM NOT MONITORED
- 44 TOTAL VOLITILE ORGANIC COMPOUNDS (VOCS) IN MICROGRAMS PER LITER (ug/L)
- CONTOUR OF EQUAL VOC (VOLATILE ORGANIC COMPOUND) CONCENTRATION IN MICROGRAMS PER LITER (ug/L) DASHED WHERE INFERRED

N

GRAPHIC SCALE 1"=200

0 100 200 400

BASE MAP DERIVED FROM HALEY & ALDRICH, 2007 ANNUAL GROUNDWATER MONITORING REPORT, JUNE 2007

JHA ENVIRONMENTAL, INC.
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IRVINE, CALIFORNIA 92618
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TABLES

Table 1
Summary of Groundwater Well Construction Data
Former Conexant Systems, Newport Beach, California

Well Identifier	Date Completed	Boring Depth (feet)	Boring Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Screened Interval (feet bgs)	Top of Gravel/Sand Pack (feet bgs)	Sealed Interval (feet bgs)	Previously Reported Land Surface Elevation[1]	Land Surface Elevation Surveyed[2]	Well Gauging Point Elevation Surveyed[3]
SHALLOW ZONE											
M-20	09/05/84	40	10	40	2	25 - 40	23.5	0 - 3[a] 3 - 16[b] 16 - 23.5[c]	48.70	--	--
Destroyed 12/99											
M-21	09/06/84	40	10	40	2	15 - 40	13	0 - 2[a] 2 - 13[b]	47.21	49.6	49.44
Destroyed 5/08											
M-22	03/19/85	40	8	40	2	0 - 40	0	NONE	47.91	--	--
Converted to Vapor Well 7/85. Destroyed 10/94											
M-23	03/16/85	39	8	39	2	19 - 39	18	0 - 1[a] 1 - 18[b]	48.31	50.8	50.50
Destroyed 5/15											
M-23R	10/04/16	40	10	39	4	19 - 39	17	0 - 0.5[a] 0.5 - 17[d]	dna	dna	dna
M-24	04/19/85	25	10	25	4	10 - 25	8	0 - 1[a] 1 - 8[b]	47.73	50.4	49.73
M-25	04/23/85	35	10	35	4	20 - 35	19	0 - 3[a] 3 - 19[b]	45.94	48.7	48.49
M-26	04/27/85	35	10	34	4	19 - 34	16.5	0 - 3[a] 3 - 16.5[b]	47.04	--	--
Destroyed 12/12/01											
M-27	06/12/85	40	10	40	4	10 - 40	9.5	0 - 9.5[b]	54.84	not surveyed - inaccessible	
Destroyed 5/08											
M-29	06/15/85	41.6	10	40	4	21 - 40	18.5	NA	48.96	51.2	50.68
M-30	06/15/85	41.5	10	41.5	4	21 - 41.5	18.5	NA	47.95	50.1	49.71
M-31	08/16/88	40	12	38	4	23 - 38	20.5	0 - 12[a] 12 - 19.5[c] 19.5 - 20.5[b]	47.56	50.0	49.78
Destroyed 5/08											
M-32	08/17/88	30	12	30	4	20 - 30	15.2	0 - 10[a] 10 - 14.5[c] 14.5 - 15.2[b]	49.92	51.9	51.08
Destroyed 5/08											
M-33 (ES-4)	08/17/88	35.5	12	35.5	4	25.5 - 35.5	19.4	0 - 10[a] 10 - 19[c] 19 - 19.4[b]	48.92	50.7	50.41
M-34	08/18/88	35.5	12	35	4	20 - 35	16.8	0 - 10[a] 10 - 16.2[c] 16.2 - 16.8[b]	47.63	--	--
Destroyed 4/96											

Table 1
Summary of Groundwater Well Construction Data
Former Conexant Systems, Newport Beach, California

Well Identifier	Date Completed	Boring Depth (feet)	Boring Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Screened Interval (feet bgs)	Top of Gravel/Sand Pack (feet bgs)	Sealed Interval (feet bgs)	Previously Reported Land Surface Elevation[1]	Land Surface Elevation Surveyed[2]	Well Gauging Point Elevation Surveyed[3]
M-35 *Destroyed 3/93*	08/18/88	31	12	31	4	16 - 31	12	0 - 11[a] 11 - 12[b]	48.40	--	--
M-36	08/20/88	37.5	12	37.5	4	22.5 - 37.5	18.5	0 - 10[a] 10 - 18[c] 18 - 18.5[b]	47.57	49.4	48.44
M-37	08/20/88	31	12	31	4	16 - 31	13.5	0 - 10[a] 10 - 13[c]	49.41	51.7	51.21
M-38	08/21/88	38	12	38	4	23 - 38	17.5	0 - 10[a] 10 - 17[c] 17 - 17.5[b]	46.92	49.2	48.12
M-39	08/27/88	31	12	31	4	16 - 31	9.5	0 - 8.2[a] 8.2 - 9.5[b]	47.31	49.6	49.36
M-40	08/27/88	31	12	31	4	16 - 31	11	0 - 10.5[a] 10.5 - 11[b]	48.13	50.6	49.43
M-41 *Destroyed 5/08*	08/27/88	28	12	28	4	13 - 28	10	0 - 9.5[a] 9.5 - 10[b]	44.24	46.7	45.94
M-42 *Destroyed 5/08*	08/28/88	31	12	27	4	12 - 27	9.5	0 - 9[a] 9 - 9.5[b]	49.70	52.0	51.67
M-43 *Destroyed 5/08*	08/28/88	30	12	28	4	13 - 28	10	0 - 9.5[a] 9.5 - 10[b]	48.87	50.9	50.46
M-44 *Destroyed 5/08*	08/28/88	26	12	26	4	11 - 26	9.5	0 - 9[a] 9 - 9.5[b]	45.53	47.8	47.19
M-45	02/04/89	32	10	30	4	20 - 30	14	0 - 3.5[a] 3.5 - 6[c] 6 - 14[b]	48.58	50.6	50.23
M-46 (ES-6)	02/16/89	45	10	40	4	25 - 40	12	0 - 3[a] 3 - 10[c] 10 - 12[b]	48.44	50.7	49.59
M-47 *Destroyed 10/94*	05/12/90	40	9	40	4	20 - 40	13	0 - 10[a] 10 - 13[b]	48.99	--	--
M-48 *Destroyed 9/14*	10/02/90	40	11	39.4	4	19 - 39	14	0 - 12.5[a] 12.5 - 14[b]	49.10	51.3	50.68
M-48R	10/04/16	40	10	39	4	19 - 39	17	0 - 0.5[a] 0.5 - 17[d]	dna	dna	dna

Table 1
Summary of Groundwater Well Construction Data
Former Conexant Systems, Newport Beach, California

Well Identifier	Date Completed	Boring Depth (feet)	Boring Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Screened Interval (feet bgs)	Top of Gravel/Sand Pack (feet bgs)	Sealed Interval (feet bgs)	Previously Reported Land Surface Elevation[1]	Land Surface Elevation Surveyed[2]	Well Gauging Point Elevation Surveyed[3]
KSKO-1	02/27/88	50	10	48	4	38 - 48	35	0 - 33.5[a] 33.5 - 35[b]	47.60	50.1	49.62
KSKO-2	02/27/88	30	10	29.5	4	14 - 29.5	12	0 - 11[a] 11 - 12[b]	47.68	50.2	49.76
KIBB-1 *Destroyed 5/08*	04/05/88	40	8	37	2	17 - 37	14	0 - 12[a] 12 - 14[b]	48.23	50.7	50.23
IT-1 *Destroyed 10/94*	06/11/86	37	10	34.5	4	19.5 - 34.5	19	0 - 17[a] 17 - 19[b]	48.15	--	--
IT-2 *Destroyed 10/94*	06/12/86	35.5	10	34.5	4	19.5 - 34.5	19	0 - 17[a] 17 - 19[b]	47.83	--	--
IT-3 *Destroyed 10/94*	12/31/86	42	24	42	12	22 - 42	17.5	1 - 14.5[a] 14.5 - 17.5[b]	48.10	--	--
IT-7 *Destroyed 10/94*	02/04/88	38	24	36	12	16 - 36	15	2 - 13.5[a] 13.5 - 15[b]	48.37	--	--
IT-8 *Destroyed 10/94*	02/27/88	38	18	37	6	7 - 37	6.5	2 - 5[a] 5 - 6.5[b]	48.15	--	--
ES-1	02/01/90	43	12 1/4	42	4	22 - 42	12	0 - 10[a] 10 - 12[b]	46.11	49.2	47.94
ES-2	02/01/90	45	12 1/4	42	4	21 - 41	12	0 - 10[a] 10 - 12[b]	47.92	50.2	49.41
ES-3 *Destroyed 1/94*	02/02/90	45	12 1/4	42	4	22 - 42	12	0 - 10[a] 10 - 12[b]	48.04	--	--
ES-3A	10/25/94	46	12 1/4	44.3	4	23.9 - 43.9	19	1 - 16[a] 16 - 19[b]	48.49	50.8	49.69
ES-4 (M-33)	08/17/88	35.5	12	35.5	4	25.5 - 35.5	19.4	0 - 10[a] 10 - 19[c] 19 - 19.4[d]	48.92	50.7	50.41
ES-4A *Destroyed 8/95*	10/24/94	47	12 1/4	46.9	4	26.5 - 46.5	19.5	1 - 15[a]	49.05	--	--
ES-4B	09/22/95	47	12 1/4	43	4	23 - 43	13.5	11.5 - 13.5[b] 0 - 11.5[b]	47.80	50.2	49.33
ES-5 *Destroyed 8/95*	03/04/90	40	12	39.5	4	19.5 - 39.5	16	0 - 10[a] 10 - 14[c] 14 - 16[c]	48.95	--	--
ES-5A	09/21/95	42	12 1/4	40	4	20 - 40	14	12 - 14[b] 0 - 12[a]	48.60	51.0	49.84

Table 1
Summary of Groundwater Well Construction Data
Former Conexant Systems, Newport Beach, California

Well Identifier	Date Completed	Boring Depth (feet)	Boring Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Screened Interval (feet bgs)	Top of Gravel/Sand Pack (feet bgs)	Sealed Interval (feet bgs)	Previously Reported Land Surface Elevation[1]	Land Surface Elevation Surveyed[2]	Well Gauging Point Elevation Surveyed[3]
ES-6 (M-46)	02/16/89	45	10	40	4	25 - 40	12	0 - 3[a] 3 - 10[c] 10 - 12[u]	48.44	50.7	49.59
SZT-1	07/25/07	42.5	10	42.5	4	22.5 - 42.5	20	0 - 1.5[a] 1.5 - 3[a] 3 - 17[e] 17 - 20[a]	51.19	50.78	
SZO-1	07/24/07	42	8	42	2	22 - 42	20	0 - 1.5[a] 1.5 - 3[a] 3 - 15[e] 15 - 20[a]	51.16	50.81	
SZO-2	07/25/07	42	8	42	2	22 - 42	20	0 - 1.5[a] 1.5 - 2.5[a] 2.5 - 16[e] 16 - 20[a]	51.14	50.77	
SZO-3	07/27/07	80	8	71.7	2	21.7 - 71.7	20	0 - 1.5[a] 1.5 - 2[a] 2 - 16[e] 16 - 20[a]	--	not surveyed	
Continuously cored to 80 feet bgs - Aquitard A not encountered. Destroyed 5/08											
IW-1/VE-21	05/25/10	42.5	10	22 42.5	2 2	6.5 - 22 27 - 42.5	4.5 25	0 - 2[a] 2 - 4.5[a] 22 - 25[a]	--	not surveyed	
IW-2	05/26/10	43	8	42	2	27 - 42	25	0 - 2[a] 2 - 22[e] 22 - 25[a]	--	not surveyed	
IW-3	05/26/10	43	8	42	2	27 - 42	25	0 - 2[a] 2 - 22[e] 22 - 25[a]	--	not surveyed	
IW-4/VE-22	05/26/10	43	10	22 42	2 2	6.5 - 22 27 - 42	4.5 25	0 - 2[a] 2 - 4.5[a] 22 - 25[a]	--	not surveyed	
IW-5	05/27/10	43	8	42	2	27 - 42	25	0 - 2[a] 2 - 22[e] 22 - 25[a]	--	not surveyed	

Table 1
Summary of Groundwater Well Construction Data
Former Conexant Systems, Newport Beach, California

Well Identifier	Date Completed	Boring Depth (feet)	Boring Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Screened Interval (feet bgs)	Top of Gravel/Sand Pack (feet bgs)	Sealed Interval (feet bgs)	Previously Reported Land Surface Elevation[1]	Land Surface Elevation Surveyed[2]	Well Gauging Point Elevation Surveyed[3]
IW-6/VE-23	05/27/10	43	10	22 42	2 2	6.5 - 22 27 - 42	4.5 25	0 - 2[a] 2 - 4.5[a] 22 - 25[a]	--	not surveyed	
EISB-S1	07/31/17	45	10	43	4	33-43	32	2-26[e] 26-32, 43-45[d]	-	51.2	50.85

Table 1
Summary of Groundwater Well Construction Data
Former Conexant Systems, Newport Beach, California

Well Identifier	Date Completed	Boring Depth (feet)	Boring Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Screened Interval (feet bgs)	Top of Gravel/Sand Pack (feet bgs)	Sealed Interval (feet bgs)	Previously Reported Land Surface Elevation[1]	Land Surface Elevation Surveyed[2]	Well Gauging Point Elevation Surveyed[3]
INTERMEDIATE ZONE											
I-1	01/22/89	60 90.5	12 1/4 7 7/8	60 90.5	8 4	--- 60.5 - 90.5	-- 52	0 - 60[a] 0 - 52[b]	44.65	47.0	45.90
I-2 *Destroyed 9/14*	01/24/89	60 90.5	12 1/4 7 7/8	60 90.5	8 4	--- 60.5 - 90.5	-- 49	0 - 60[a] 0 - 49[b]	51.73	54.0	53.18
I-2R	10/06/16	60 91	16 8	60 90	12 4	60-90	58	0-58[a]	dna	dna	dna
I-3	01/26/89	60 91	12 1/4 7 7/8	60 91	8 4	--- 61 - 91	-- 50	0 - 60[a] 0 - 50[b]	45.82	48.3	47.18
I-4 *Destroyed 9/14*	01/28/89	60 91	12 1/4 7 7/8	60 91	8 4	--- 61 - 91	-- 50	0 - 60[a] 0 - 50[b]	49.90	52.0	50.96
I-4R	10/07/16	60 91	16 8	60 90	12 4	60-90	58	0-58[a]	dna	dna	dna
I-5 *Destroyed 5/08*	01/30/89	60 121	12 1/4 7 7/8	60 121	8 4	--- 101 - 121	-- 70	0 - 60[a] 0 - 70[b]	44.11	46.6	45.56
I-6	02/03/89	60 91	12 1/4 7 7/8	60 91	8 4	--- 61 - 91	-- 51	0 - 60[a] 0 - 51[b]	48.08	50.4	49.45
I-7	02/05/89	55 91	12 1/4 7 7/8	55 91	8 4	--- 61 - 91	-- 49	0 - 55[a] 0 - 49[b]	47.47	49.7	48.87
I-8	02/06/89	58 91	12 1/4 7 7/8	56 91	8 4	--- 61 - 91	-- 49	0 - 58[a] 0 - 49[b]	48.18	50.7	49.50
I-9	02/07/89	60 91	12 1/4 7 7/8	60 91	8 4	--- 61 - 91	-- 49	0 - 60[a] 0 - 49[b]	46.49	48.8	48.05
I-9A	07/29/01	54 94	18 8	91.5	4	61.5 - 91.5	60	0 - 54[a] 54 - 59[b]	46.53	not surveyed	
I-9B	07/22/01	57.5 94	18 8	91.9	4	61.9 - 91.9	57	0 - 50[a] 50 - 57[b]	46.59	not surveyed	
I-9C	08/05/01	54 90.5	18 8	86.9	4	61.9 - 86.9	57	0 - 50[a] 50 - 57[b]	46.17	not surveyed	
I-10	06/11/89	60.5 91	12 1/4 7 7/8	60.5 91	8 4	--- 61 - 91	-- 52	0 - 60.5[a] 0 - 52[b]	47.56	49.9	49.05
I-11	06/12/89	60 90	12 1/4 7 7/8	60 89	8 4	--- 59 - 89	-- 53	0 - 60[a] 0 - 53[b]	49.72	51.8	51.20
I-12 *Destroyed 5/08*	01/18/90	60 90	12 1/4 7 7/8	60 90	8 4	--- 60 - 90	-- 50	0 - 60[a] 0 - 50[b]	47.54	not surveyed - inaccessible	
I-13	01/19/90	60 90	12 1/4 7 7/8	60 90	8 4	--- 60 - 90	-- 50	0 - 60[a] 0 - 50[b]	48.29	50.6	49.87

Table 1
Summary of Groundwater Well Construction Data
Former Conexant Systems, Newport Beach, California

Well Identifier	Date Completed	Boring Depth (feet)	Boring Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Screened Interval (feet bgs)	Top of Gravel/Sand Pack (feet bgs)	Sealed Interval (feet bgs)	Previously Reported Land Surface Elevation[1]	Land Surface Elevation Surveyed[2]	Well Gauging Point Elevation Surveyed[3]
I-14 (RI-14)	02/28/93	97	8 3/4	94	4	64 - 94	60	0 - 60[a]	47.47	--	--
Converted to recharge well RI-14 10/95. Reconverted to monitor well 01/02. Destroyed 8/04											
I-15	02/27/93	102	8 3/4	100	4	65 -100	60	0 - 55[a] 55 - 60[b]	43.62	45.8	45.05
I-16	03/04/93	92	8 3/4	88	4	68 - 88	65	0 - 65[a]	48.39	50.7	50.18
I-17 (RI-17)	03/05/93	105	8 3/4	99	4	79 - 99	74	0 - 73[a] 73 - 74[b]	45.80	48.2	47.63
Converted to recharge well RI-17 10/95. Reconverted to monitor well 01/00.											
I-18	01/28/95	98	8 3/4	96	4	76 - 96	69.5	68 - 69.5[b] 0 - 68[a]	42.20	44.4	43.99
I-19	01/29/95	96	8 3/4	96	4	76 - 96	70	65 - 70[b] 0 - 65[a]	43.09	45.3	44.93
I-20	09/29/95	86	8 3/4	86	4	71 - 86	65	60 - 65[b] 0 - 60[a]	48.39	50.6	49.94
I-21	09/27/95	110	8 3/4	105	4	75 - 105	70	68 - 70[b] 0 - 68[a]	46.99	49.0	48.37
M-28	06/15/85	81.5	10	81.5	4	60 - 81.5	58	19 - 58[b]	48.19	--	--
Destroyed 10/94											
IT-4	01/07/87	42 103	18 8 1/2	42 101	12 4	--- 51 -101	-- 34	2 - 42[a] 2 - 32[a] 32 - 34[b]	48.13	--	--
Destroyed 10/94											
IT-5	12/31/86	42 96	18 8 1/2	42 96	12 4	--- 46 - 96	-- 30	2 - 42[a] 2 - 28[a] 28 - 30[b]	47.58	50.3	49.30
IT-6	01/03/87	42 101	18 8 1/2	42 101	12 4	--- 50 - 101	-- 45	2 - 42[a] 2 - 43[a] 43 - 45[b]	48.31	--	--
Destroyed 10/94											
IZXX	NA	NA	NA	99	4	NA	NA	NA	NA	51.0	50.35
Destroyed 9/14											
EI-1	09/17/89	55 100	15 1/8 9 7/8	5 100	10 6	--- 60 - 100	-- 47	0 - 55[a] 0 - 47[b]	48.68	50.7	49.71
EI-2	01/29/90	60 100	15 1/2 9 7/8	60 100	10 6	--- 60 - 100	-- 50	0 - 60[a] 0 - 50[b]	47.43	49.5	48.51
EI-3	01/27/90	60 100	15 1/2 9 7/8	60 100	10 6	--- 60 - 100	-- 50	0 - 60[a] 0 - 50[b]	48.12	50.6	49.44
EI-4	01/31/90	60 102	15 1/2 9 7/8	60 102	10 6	--- 60 - 102	-- 50	0 - 60[a] 0 - 50[b]	47.48	--	--
Destroyed 1/22/99											

Table 1
Summary of Groundwater Well Construction Data
Former Conexant Systems, Newport Beach, California

Well Identifier	Date Completed	Boring Depth (feet)	Boring Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Screened Interval (feet bgs)	Top of Gravel/Sand Pack (feet bgs)	Sealed Interval (feet bgs)	Previously Reported Land Surface Elevation[1]	Land Surface Elevation Surveyed[2]	Well Gauging Point Elevation Surveyed[3]
EI-4A	03/14/99	104	9 5/8	100	6	65 - 100	60.5	0 - 51.5[a] 51.5 - 60.5[b]	---	50.8	49.68
RI-1	09/26/95	105	9 7/8	102	4	77 - 102	70	66 - 70[b] 0 - 66[a]	47.04	49.1	48.19
RI-2	09/24/95	115	9 7/8	109.5	4	74.5 - 109.5	70	67 - 70[b] 0 - 67[a]	42.74	45.6	44.90
RI-3	09/28/95	122	9 7/8	115	4	75 - 115	69	63.5 - 69[b] 0 - 63.5[a]	44.75	46.8	46.25
RI-4	07/29/02	100	9 7/8	100	4	80 -100	77	0 - 77	---	50.6	49.17
RI-14 *See I-14. Destroyed 8/04.*											
RI-17 *See I-17*											
EISB-I1	07/30/17	98	10	98	4	88-98	85.5	2-80[e] 80-80.5[d]	-	45.9	45.59
EISB-I2	07/29/17	98	10	96	4	86-96	84	2-79[e] 79-84, 96-98[d]	-	46.7	46.42
EISB-I3	07/28/17	98	10	96	4	86-96	84	2-79[e] 79-84, 96-98[d]	-	47.0	46.67
EISB-I4	07/27/17	98	10	96	4	86-96	84	2-78[e] 78-84, 96-98[d]	-	47.2	46.89

Table 1
Summary of Groundwater Well Construction Data
Former Conexant Systems, Newport Beach, California

Well Identifier	Date Completed	Boring Depth (feet)	Boring Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Screened Interval (feet bgs)	Top of Gravel/Sand Pack (feet bgs)	Sealed Interval (feet bgs)	Previously Reported Land Surface Elevation[1]	Land Surface Elevation Surveyed[2]	Well Gauging Point Elevation Surveyed[3]
LOWER ZONE											
L-1	01/14/90	120	12 1/4	120	8	---	---	0 - 120[a]	48.87	51.5	50.71
Destroyed 5/08		173	7 7/8	173	4	153 - 173	135	0 - 135[b]			
L-2	01/16/90	140	12 1/4	140	8	---	---	0 - 140[a]	51.45	53.7	53.30
Destroyed 5/08		170	7 7/8	170	4	150 - 170	136	0 - 136[b]			
L-3	01/21/90	130	12 1/4	130	8	---	---	0 - 130[a]	49.80	52.1	51.57
Destroyed 5/08		160	7 7/8	160	4	140 - 160	130	0 - 130[b]			
L-4	02/04/90	130	12 1/4	130	8	---	---	0 - 130[a]	47.64	49.9	49.17
Destroyed 5/08		156	7 7/8	156	4	130 - 155	115	0 - 115[b]			

NOTES AND ABBREVIATIONS:

Table adapted from Haley & Aldrich, 2007 Annual Groundwater Monitoring Report, June 2007.
Construction data for wells installed by Woodward-Clyde Consultants, IT Corporation, and TRC Environmental Consultants were taken from well schematics.
All depths in feet below ground surface (bgs).
All diameters are in inches.
Elevations in feet above mean sea level.
NA = Information not available
Well annulus seal description:

[a] = Cement
[b] = Bentonite mixture/fine sand
[c] = Backfill, drill cuttings
[d] = Bentonite chips hydrated in place
[e] = cement/bentonite grout

1 = Previously reported data - no survey reports available.
2 = Survey data from December 2006 and May 2008 conducted by Sage Consultants, Inc., survey data from August 2017 by Cal Vada Surveying, Inc.
3 = Well gauging point measured from top of casing at notch, otherwise at north side of PVC casing
= Well destroyed on specified date
dna = data not available

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
SHALLOW ZONE WELLS			
M-23	03/17/07	28.46	22.04
(50.50)	07/07/07	28.60	21.90
	09/30/07	UTM	-
	01/06/08	28.77	21.73
	03/09/08	25.86	24.64
	06/07/08	28.50	22.00
	09/21/08	28.04	22.46
	12/13/08	28.43	22.07
	03/07/09	28.61	21.89
	06/13/09	28.68	21.82
	09/18/09	28.43	22.07
	12/19/09	28.68	21.82
	03/27/10	28.37	22.13
	06/25/10	28.13	22.37
	09/25/10	27.87	22.63
	12/28/10	27.72	22.78
	02/11/11	27.39	23.11
	06/10/11	27.37	23.13
	09/23/11	27.57	22.93
	12/23/11	27.73	22.77
	02/25/12	27.73	22.77
	06/15/12	27.87	22.63
	09/21/12	27.84	22.66
	12/28/12	28.11	22.39
	03/16/13	28.48	22.02
	06/21/13	28.40	22.10
	09/27/13	28.45	22.05
	12/20/13	28.49	22.01
	02/21/14	28.54	21.96
	06/20/14	UTM	-
	DESTROYED MAY 2015		
M-23R*	07/20/18	34.98	**-**
	10/15/18	NM	**-**
	01/14/19	NM	**-**
	04/15/19	NM	**-**
	07/18/19	UTM	**-**
M-24	03/17/07	22.65	27.08
(49.73)	07/07/07	22.84	26.89
	09/30/07	22.85	26.88
	01/06/08	22.93	26.80
	03/09/08	22.98	26.75
	06/07/08	22.96	26.77
	09/21/08	23.03	26.70
	12/13/08	23.42	26.31
	03/07/09	23.16	26.57
	06/13/09	23.18	26.55
	09/18/09	23.28	26.45
	12/19/09	23.27	26.46
	03/27/10	23.72	26.01
	06/25/10	22.86	26.87
	09/25/10	23.03	26.70
	12/28/10	22.56	27.17
	02/11/11	22.46	27.27
	06/10/11	22.14	27.59
	09/23/11	22.17	27.56
	12/23/11	22.30	27.43
	02/25/12	22.50	27.23
	06/15/12	22.50	27.23
	09/21/12	22.34	27.39
	12/28/12	22.67	27.06
	03/16/13	22.77	26.96

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
M-24 (continued)	06/21/13	22.84	26.89
	09/27/13	22.86	26.87
	12/20/13	23.66	26.07
	02/21/14	23.77	25.96
	06/20/14	22.84	26.89
	09/25/14	UTM	-
	12/19/14	UTM	-
	03/07/15	22.96	26.77
	06/12/15	23.00	26.73
	09/25/15	23.19	26.54
	12/22/15	23.19	26.54
	02/26/16	23.58	26.15
	08/05/17	dry	-
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	23.19	26.54
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	22.13	27.60
M-25 (48.49)	03/17/07	24.05	24.44
	07/07/07	24.23	24.26
	09/30/07	24.39	24.10
	01/06/08	24.48	24.01
	03/09/08	24.70	23.79
	06/07/08	24.31	24.18
	09/21/08	24.43	24.06
	12/13/08	24.61	23.88
	03/07/09	24.11	24.38
	06/13/09	24.05	24.44
	09/18/09	24.20	24.29
	12/19/09	24.25	24.24
	03/27/10	23.46	25.03
	06/25/10	24.00	24.49
	09/25/10	23.91	24.58
	12/28/10	23.22	25.27
	02/11/11	22.80	25.69
	06/10/11	22.42	26.07
	09/23/11	22.73	25.76
	12/23/11	22.90	25.59
	02/25/12	22.95	25.54
	06/15/12	22.80	25.69
	09/21/12	22.98	25.51
	12/28/12	23.19	25.30
	03/16/13	23.72	24.77
	06/21/13	23.68	24.81
	09/27/13	23.03	25.46
	12/20/13	23.02	25.47
	02/21/14	23.00	25.49
	06/20/14	23.66	24.83
	09/25/14	23.66	24.83
	12/19/14	24.45	24.04
	03/06/15	23.38	25.11
	06/12/15	24.59	23.90
	09/25/15	24.16	24.33
	12/22/15	24.51	23.98
	02/29/16	24.25	24.24
	08/04/17	23.53	24.96
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	23.12	25.37
	10/15/18	NM	-

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
M-25	01/14/19	NM	-
(continued)	04/15/19	NM	-
	07/19/19	21.55	26.94
M-29	03/17/07	28.16	22.52
(50.68)	07/07/07	28.78	21.90
	09/30/07	29.05	21.63
	01/06/08	29.27	21.41
	03/09/08	29.85	20.83
	06/07/08	29.85	20.83
	09/21/08	29.57	21.11
	12/13/08	29.69	20.99
	03/07/09	29.39	21.29
	06/13/09	29.40	21.28
	09/18/09	29.42	21.26
	12/19/09	29.89	20.79
	03/27/10	29.09	21.59
	06/25/10	28.84	21.84
	09/25/10	28.88	21.80
	12/28/10	28.46	22.22
	02/11/11	28.02	22.66
	06/10/11	27.37	23.31
	09/23/11	27.53	23.15
	12/23/11	27.52	23.16
	02/25/12	27.51	23.17
	06/15/12	27.62	23.06
	09/21/12	27.91	22.77
	12/28/12	28.00	22.68
	03/16/13	27.84	22.84
	06/21/13	27.64	23.04
	09/27/13	27.27	23.41
	12/20/13	27.21	23.47
	02/22/14	27.49	23.19
	06/20/14	27.70	22.98
	09/25/14	28.09	22.59
	12/19/14	28.27	22.41
	03/06/15	28.05	22.63
	06/12/15	28.51	22.17
	09/25/15	28.76	21.92
	12/22/15	29.00	21.68
	02/26/16	29.04	21.64
	08/05/17	28.67	22.01
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	28.40	22.28
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	26.74	23.94
M-30	03/17/07	27.26	22.45
(49.71)	07/07/07	27.89	21.82
	09/30/07	28.11	21.60
	01/06/08	28.35	21.36
	03/09/08	28.33	21.38
	06/07/08	28.37	21.34
	09/21/08	28.67	21.04
	12/13/08	28.67	21.04
	03/07/09	28.47	21.24
	06/13/09	28.48	21.23
	09/18/09	28.52	21.19
	12/19/09	28.67	21.04
	03/27/10	28.06	21.65
	06/25/10	27.90	21.81

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
M-30 (continued)	09/25/10	28.15	21.56
	12/28/10	27.55	22.16
	02/11/11	27.09	22.62
	06/10/11	26.44	23.27
	09/23/11	26.60	23.11
	12/23/11	26.60	23.11
	02/25/12	26.61	23.10
	06/15/12	26.71	23.00
	09/21/12	27.00	22.71
	12/28/12	27.08	22.63
	03/16/13	26.89	22.82
	06/21/13	26.71	23.00
	09/27/13	26.36	23.35
	12/20/13	26.29	23.42
	02/22/14	26.55	23.16
	06/20/14	26.73	22.98
	09/25/14	27.36	22.35
	12/19/14	27.34	22.37
	03/06/15	27.11	22.60
	06/12/15	27.58	22.13
	09/25/15	26.35	23.36
	12/22/15	28.04	21.67
	02/26/16	28.11	21.60
	08/05/17	27.76	21.95
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	27.46	22.25
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	25.87	23.84
M-33 (50.41)	03/17/07	29.05	21.36
	07/07/07	29.70	20.71
	09/30/07	30.18	20.23
	01/06/08	30.47	19.94
	03/09/08	30.32	20.09
	06/07/08	29.70	20.71
	09/21/08	30.85	19.56
	12/13/08	30.88	19.53
	03/07/09	30.71	19.70
	06/13/09	31.02	19.39
	09/18/09	31.11	19.30
	12/19/09	31.23	19.18
	03/27/10	30.45	19.96
	06/25/10	30.28	20.13
	09/25/10	29.99	20.42
	12/28/10	29.40	21.01
	02/11/11	29.22	21.19
	06/10/11	27.70	22.71
	09/23/11	29.32	21.09
	12/23/11	29.38	21.03
	02/25/12	29.41	21.00
	06/15/12	29.58	20.83
	09/21/12	29.71	20.70
	12/28/12	29.93	20.48
	03/16/13	29.44	20.97
	06/21/13	30.18	20.23
	09/27/13	29.63	20.78
	12/20/13	29.41	21.00
	02/22/14	29.43	20.98
	06/20/14	29.55	20.86
	09/25/14	29.91	20.50

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
M-33 (continued)	12/19/14	30.20	20.21
	03/07/15	30.16	20.25
	06/12/15	30.51	19.90
	09/25/15	29.88	20.53
	12/22/15	30.87	19.54
	02/27/16	30.84	19.57
	08/03/17	31.10	19.31
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	31.28	19.13
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	29.47	20.94
M-36 (48.44)	03/17/07	26.89	-
	07/07/07	27.39	-
	09/30/07	27.54	-
	01/06/08	27.88	-
	03/09/08	27.92	-
	06/07/08	29.79	18.65
	09/21/08	28.27	20.17
	12/13/08	28.40	20.04
	03/07/09	28.20	20.24
	06/13/09	28.44	20.00
	09/18/09	28.31	20.13
	12/19/09	28.35	20.09
	03/27/10	28.00	20.44
	06/25/10	27.65	20.79
	09/25/10	27.71	20.73
	12/28/10	27.00	21.44
	02/11/11	26.85	21.59
	06/10/11	26.21	22.23
	09/23/11	26.50	21.94
	12/23/11	26.54	21.90
	02/25/12	26.45	21.99
	06/15/12	26.77	21.67
	09/21/12	27.16	21.28
	12/28/12	26.90	21.54
	03/16/13	26.79	21.65
	06/21/13	26.59	21.85
	09/27/13	26.30	22.14
	12/20/13	26.15	22.29
	02/22/14	26.37	22.07
	06/20/14	26.64	21.80
	09/25/14	UTM	-
	12/19/14	UTM	-
	03/06/15	26.31	22.13
	06/12/15	27.60	20.84
	09/25/15	29.88	18.56
	12/22/15	27.65	20.79
	02/26/16	28.08	20.36
	08/05/17	27.72	20.72
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	27.54	20.90
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/20/19	26.93	21.51

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
M-37	03/17/07	24.07	27.14
(51.21)	07/07/07	24.29	26.92
	09/30/07	24.29	26.92
	01/06/08	24.28	26.93
	03/09/08	24.38	26.83
	06/07/08	24.31	26.90
	09/21/08	24.37	26.84
	12/13/08	24.50	26.71
	03/07/09	24.58	26.63
	06/13/09	24.60	26.61
	09/18/09	24.63	26.58
	12/19/09	24.72	26.49
	03/27/10	24.16	27.05
	06/25/10	24.19	27.02
	09/25/10	24.15	27.06
	12/28/10	24.22	26.99
	02/11/11	23.96	27.25
	06/10/11	23.58	27.63
	09/23/11	23.70	27.51
	12/23/11	23.81	27.40
	02/25/12	24.06	27.15
	06/15/12	24.10	27.11
	09/21/12	24.05	27.16
	12/28/12	24.33	26.88
	03/16/13	24.41	26.80
	06/21/13	25.57	25.64
	09/27/13	24.52	26.69
	12/20/13	24.40	26.81
	02/21/14	24.34	26.87
	06/20/14	24.55	26.66
	09/25/14	24.68	26.53
	12/19/14	24.80	26.41
	03/06/15	24.59	26.62
	06/12/15	24.50	26.71
	09/25/15	24.92	26.29
	12/22/15	25.11	26.10
	02/27/16	25.40	25.81
	08/04/17	25.23	25.98
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	25.40	25.81
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	24.25	26.96
M-38	03/17/07	25.59	22.53
(48.12)	07/07/07	26.47	21.65
	09/30/07	UTM	-
	01/06/08	UTM	-
	03/09/08	UTM	-
	06/07/08	27.28	20.84
	09/21/08	28.46	19.66
	12/13/08	27.46	20.66
	03/07/09	27.36	20.76
	06/13/09	27.36	20.76
	09/18/09	27.33	20.79
	12/19/09	27.52	20.60
	03/27/10	26.96	21.16
	06/25/10	26.75	21.37
	09/25/10	26.80	21.32
	12/28/10	26.36	21.76
	02/11/11	29.54	18.58

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
M-38 (continued)	06/10/11	25.33	22.79
	09/23/11	25.50	22.62
	12/23/11	25.50	22.62
	02/25/12	25.47	22.65
	06/15/12	25.61	22.51
	09/21/12	25.92	22.20
	12/28/12	25.92	22.20
	03/16/13	25.79	22.33
	06/21/13	25.52	22.60
	09/27/13	25.25	22.87
	12/20/13	25.16	22.96
	02/22/14	25.48	22.64
	06/20/14	25.65	22.47
	09/25/14	26.04	22.08
	12/19/14	26.08	22.04
	03/06/15	26.02	22.10
	06/12/15	26.45	21.67
	09/25/15	26.69	21.43
	12/22/15	26.89	21.23
	02/27/16	29.00	19.12
	08/04/17	26.68	21.44
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	26.30	21.82
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	24.80	23.32
M-39 (49.36)	03/17/07	21.17	28.19
	07/07/07	21.04	28.32
	09/30/07	20.02	29.34
	01/06/08	20.47	28.89
	03/09/08	21.48	27.88
	06/07/08	21.04	28.32
	09/21/08	21.05	28.31
	12/13/08	21.00	28.36
	03/07/09	21.39	27.97
	06/13/09	21.40	27.96
	09/18/09	21.22	28.14
	12/19/09	20.79	28.57
	03/27/10	21.37	27.99
	06/25/10	21.04	28.32
	09/25/10	21.03	28.33
	12/28/10	19.23	30.13
	02/11/11	21.00	28.36
	06/10/11	20.36	29.00
	09/23/11	20.16	29.20
	12/23/11	20.08	29.28
	02/25/12	20.22	29.14
	06/15/12	20.54	28.82
	09/21/12	20.81	28.55
	12/28/12	20.18	29.18
	03/16/13	21.22	28.14
	06/21/13	19.32	30.04
	09/27/13	19.17	30.19
	12/20/13	19.75	29.61
	02/22/14	20.49	28.87
	06/20/14	20.43	28.93
	09/25/14	20.93	28.43
	12/19/14	19.85	29.51
	03/06/15	20.38	28.98
	06/12/15	21.35	28.01

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
M-39 (continued)	09/25/15	20.75	28.61
	12/22/15	21.39	27.97
	02/26/16	21.27	28.09
	08/04/17	20.72	28.64
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	19.76	29.60
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	19.50	29.86
M-40 (49.43)	03/17/07	22.07	27.36
	07/07/07	21.98	27.45
	09/30/07	22.33	27.10
	01/06/08	27.39	22.04
	03/09/08	22.48	26.95
	06/07/08	22.51	26.92
	09/21/08	22.60	26.83
	12/13/08	22.60	26.83
	03/07/09	22.45	26.98
	06/13/09	22.43	27.00
	09/18/09	22.50	26.93
	12/19/09	22.70	26.73
	03/27/10	22.10	27.33
	06/25/10	22.20	27.23
	09/25/10	22.35	27.08
	12/28/10	22.00	27.43
	02/11/11	21.95	27.48
	06/10/11	21.71	27.72
	09/23/11	21.82	27.61
	12/23/11	21.65	27.78
	02/25/12	21.80	27.63
	06/15/12	21.71	27.72
	09/21/12	21.76	27.67
	12/28/12	21.80	27.63
	03/16/13	21.85	27.58
	06/21/13	21.74	27.69
	09/27/13	21.72	27.71
	12/20/13	21.60	27.83
	02/22/14	21.73	27.70
	06/20/14	21.80	27.63
	09/25/14	21.97	27.46
	12/19/14	21.96	27.47
	03/06/15	21.82	27.61
	06/12/15	22.01	27.42
	09/25/15	22.15	27.28
	12/22/15	22.33	27.10
	02/26/16	22.48	26.95
	08/05/17	23.25	26.18
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	22.03	27.40
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	21.27	28.16
M-45 (50.23)	03/17/07	UTM	-
	07/07/07	UTM	-
	09/30/07	22.43	-
	01/06/08	22.57	-
	03/09/08	22.65	-

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
M-45 (continued)	06/07/08	22.52	27.71
	09/21/08	22.71	27.52
	12/13/08	22.75	27.48
	03/07/09	22.75	27.48
	06/13/09	22.71	27.52
	09/18/09	22.86	27.37
	12/19/09	22.80	27.43
	03/27/10	22.47	27.76
	06/25/10	22.58	27.65
	09/25/10	22.66	27.57
	12/28/10	22.29	27.94
	02/11/11	22.19	28.04
	06/10/11	21.84	28.39
	09/23/11	22.03	28.20
	12/23/11	22.11	28.12
	02/25/12	22.15	28.08
	06/15/12	22.06	28.17
	09/21/12	22.15	28.08
	12/28/12	22.29	27.94
	03/16/13	22.37	27.86
	06/21/13	22.30	27.93
	09/27/13	22.11	28.12
	12/20/13	22.07	28.16
	02/22/14	22.11	28.12
	06/20/14	22.09	28.14
	09/25/14	22.35	27.88
	12/19/14	22.39	27.84
	03/06/15	22.47	27.76
	06/12/15	22.52	27.71
	09/25/15	22.71	27.52
	12/22/15	22.93	27.30
	02/26/16	23.09	27.14
	08/04/17	22.46	27.77
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	22.66	27.57
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	21.76	28.47
M-48 (50.68)	03/17/07	25.76	24.92
	07/07/07	26.04	24.64
	09/30/07	26.11	24.57
	01/06/08	26.18	24.50
	03/09/08	26.50	24.18
	06/07/08	26.00	24.68
	09/21/08	25.95	24.73
	12/13/08	26.06	24.62
	03/07/09	26.16	24.52
	06/13/09	26.06	24.62
	09/18/09	25.96	24.72
	12/19/09	25.91	24.77
	03/27/10	26.11	24.57
	06/25/10	25.11	25.57
	09/25/10	25.07	25.61
	12/28/10	24.90	25.78
	02/11/11	24.50	26.18
	06/10/11	23.83	26.85
	09/23/11	23.91	26.77
	12/23/11	24.18	26.50
	02/25/12	24.38	26.30
	06/15/12	24.66	26.02

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
M-48 (continued)	09/21/12	24.85	25.83
	12/28/12	25.17	25.51
	03/16/13	25.85	24.83
	06/21/13	25.57	25.11
	09/27/13	25.73	24.95
	12/20/13	25.96	24.72
	02/21/14	25.96	24.72
	06/20/14	UTM	-
	DESTROYED SEPTEMBER 2014		
M-48R (56.52)	07/20/18	33.70	**-**
	10/15/18	NM	**-**
	01/14/19	NM	**-**
	04/15/19	NM	**-**
	07/18/19	33.11	23.41
KSKO-1 (49.62)	03/17/07	22.88	26.74
	07/07/07	23.34	26.28
	09/30/07	23.33	26.29
	01/06/08	23.47	26.15
	03/09/08	23.60	26.02
	06/07/08	22.95	26.67
	09/21/08	22.91	26.71
	12/13/08	23.89	25.73
	03/07/09	22.22	27.40
	06/13/09	23.00	26.62
	09/18/09	23.57	26.05
	12/19/09	22.04	27.58
	03/27/10	21.86	27.76
	06/25/10	21.81	27.81
	09/25/10	21.86	27.76
	12/28/10	21.16	28.46
	02/11/11	21.42	28.20
	06/10/11	20.96	28.66
	09/23/11	20.96	28.66
	12/23/11	20.85	28.77
	02/25/12	21.01	28.61
	06/15/12	21.21	28.41
	09/21/12	21.39	28.23
	12/28/12	21.37	28.25
	03/16/13	21.28	28.34
	06/21/13	20.97	28.65
	09/27/13	20.82	28.80
	12/20/13	20.59	29.03
	02/21/14	21.24	28.38
	06/20/14	21.12	28.50
	09/25/14	21.39	28.23
	12/19/14	21.11	28.51
	03/06/15	21.29	28.33
	06/12/15	21.57	28.05
	09/25/15	21.30	28.32
	12/22/15	21.90	27.72
	02/26/16	21.99	27.63
	08/04/17	22.30	27.32
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	21.30	28.32
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	20.50	29.12

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
KSKO-2	03/17/07	23.03	26.73
(49.76)	07/07/07	23.30	26.46
	09/30/07	23.40	26.36
	01/06/08	23.51	26.25
	03/09/08	23.58	26.18
	06/07/08	23.63	26.13
	09/21/08	23.73	26.03
	12/13/08	23.59	26.17
	03/07/09	23.55	26.21
	06/13/09	23.58	26.18
	09/18/09	23.05	26.71
	12/19/09	23.52	26.24
	03/27/10	23.27	26.49
	06/25/10	23.34	26.42
	09/25/10	23.41	26.35
	12/28/10	23.00	26.76
	02/11/11	22.83	26.93
	06/10/11	22.62	27.14
	09/23/11	22.73	27.03
	12/23/11	22.60	27.16
	02/25/12	22.73	27.03
	06/15/12	22.68	27.08
	09/21/12	22.76	27.00
	12/28/12	22.83	26.93
	03/16/13	22.85	26.91
	06/21/13	22.71	27.05
	09/27/13	22.58	27.18
	12/20/13	22.51	27.25
	02/21/14	22.63	27.13
	06/20/14	22.71	27.05
	09/25/14	22.92	26.84
	12/19/14	22.92	26.84
	03/06/15	22.96	26.80
	06/12/15	23.13	26.63
	09/25/15	23.18	26.58
	12/22/15	23.34	26.42
	02/26/16	23.47	26.29
	08/05/17	23.10	26.66
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	23.06	26.70
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	22.06	27.70
ES-1	03/17/07	UTM	-
(47.94)	07/07/07	26.23	21.71
	09/30/07	26.51	21.43
	01/06/08	26.74	21.20
	03/09/08	26.68	21.26
	06/07/08	26.81	21.13
	09/21/08	27.05	20.89
	12/13/08	27.05	20.89
	03/07/09	26.85	21.09
	06/13/09	26.88	21.06
	09/18/09	26.92	21.02
	12/19/09	27.12	20.82
	03/27/10	26.46	21.48
	06/25/10	26.28	21.66
	09/25/10	26.33	21.61
	12/28/10	25.90	22.04
	02/11/11	25.45	22.49

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
ES-1 (continued)	06/10/11	24.82	23.12
	09/23/11	24.99	22.95
	12/23/11	24.96	22.98
	02/25/12	24.95	22.99
	06/15/12	25.09	22.85
	09/21/12	25.41	22.53
	12/28/12	25.44	22.50
	03/16/13	25.30	22.64
	06/21/13	25.02	22.92
	09/27/13	24.72	23.22
	12/20/13	24.37	23.57
	02/22/14	24.90	23.04
	06/20/14	25.10	22.84
	09/25/14	25.51	22.43
	12/19/14	25.70	22.24
	03/07/15	25.50	22.44
	06/12/15	25.95	21.99
	09/25/15	26.19	21.75
	12/22/15	26.43	21.51
	02/26/16	26.47	21.47
	08/03/17	26.20	21.74
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	25.82	22.12
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	24.23	23.71
ES-2 (49.41)	03/17/07	27.75	21.66
	07/07/07	28.31	21.10
	09/30/07	28.62	20.79
	01/06/08	28.83	20.58
	03/09/08	28.82	20.59
	06/07/08	28.98	20.43
	09/21/08	29.11	20.30
	12/13/08	29.12	20.29
	03/07/09	NM	-
	06/13/09	28.92	20.49
	09/18/09	28.98	20.43
	12/19/09	29.17	20.24
	03/27/10	28.50	20.91
	06/25/10	27.37	22.04
	09/25/10	28.41	21.00
	12/28/10	27.92	21.49
	02/11/11	27.55	21.86
	06/10/11	NM	-
	09/23/11	27.11	22.30
	12/23/11	27.07	22.34
	02/25/12	27.19	22.22
	06/15/12	27.27	22.14
	09/21/12	27.58	21.83
	12/28/12	27.55	21.86
	03/16/13	27.85	21.56
	06/21/13	27.82	21.59
	09/27/13	26.95	22.46
	12/20/13	26.83	22.58
	02/22/14	27.07	22.34
	06/20/14	27.30	22.11
	09/25/14	27.72	21.69
	12/19/14	27.87	21.54
	03/07/15	27.71	21.70
	06/12/15	28.16	21.25

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
ES-2 (continued)	09/25/15	28.38	21.03
	12/22/15	28.42	20.99
	02/29/16	28.69	20.72
	08/03/17	28.45	20.96
	01/15/18	29.25	20.16
	04/16/18	28.34	21.07
	07/19/18	28.16	21.25
	10/15/18	27.80	21.61
	01/14/19	27.76	21.65
	04/15/19	26.87	22.54
	07/18/19	26.58	22.83
ES-3A (49.69)	03/17/07	27.99	21.70
	07/07/07	28.52	21.17
	09/30/07	28.81	20.88
	01/06/08	29.05	20.64
	03/09/08	29.04	20.65
	06/07/08	29.20	20.49
	09/21/08	29.37	20.32
	12/13/08	29.40	20.29
	03/07/09	29.24	20.45
	06/13/09	29.47	20.22
	09/18/09	29.27	20.42
	12/19/09	29.46	20.23
	03/27/10	29.00	20.69
	06/25/10	28.72	20.97
	09/25/10	28.71	20.98
	12/28/10	28.12	21.57
	02/11/11	27.81	21.88
	06/10/11	27.20	22.49
	09/23/11	27.44	22.25
	12/23/11	27.43	22.26
	02/25/12	27.40	22.29
	06/15/12	27.61	22.08
	09/21/12	27.96	21.73
	12/28/12	27.88	21.81
	03/16/13	27.80	21.89
	06/21/13	27.57	22.12
	09/27/13	27.26	22.43
	12/20/13	27.15	22.54
	02/22/14	27.39	22.30
	06/20/14	27.62	22.07
	09/25/14	28.06	21.63
	12/19/14	28.11	21.58
	03/07/15	28.02	21.67
	06/12/15	28.50	21.19
	09/25/15	28.60	21.09
	12/22/15	UTM	-
	02/27/16	28.98	20.71
	08/03/17	28.73	20.96
	01/15/18	29.77	19.92
	04/16/18	28.69	21.00
	07/18/18	28.51	21.18
	10/15/18	28.17	21.52
	01/14/19	28.12	21.57
	04/15/19	27.26	22.43
	07/18/19	26.99	22.70
ES-4B (49.33)	03/17/07	27.95	21.38
	07/07/07	28.62	20.71
	09/30/07	29.13	20.20
	01/06/08	29.29	20.04
	03/09/08	29.21	20.12
	06/07/08	29.62	19.71

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
ES-4B (continued)	09/21/08	29.78	19.55
	12/13/08	29.79	19.54
	03/07/09	29.60	19.73
	06/13/09	29.95	19.38
	09/18/09	30.03	19.30
	12/19/09	29.95	19.38
	03/27/10	29.37	19.96
	06/25/10	29.22	20.11
	09/25/10	28.89	20.44
	12/28/10	28.25	21.08
	02/11/11	28.11	21.22
	06/10/11	27.92	21.41
	09/23/11	28.25	21.08
	12/23/11	28.28	21.05
	02/25/12	28.33	21.00
	06/15/12	28.52	20.81
	09/21/12	28.69	20.64
	12/28/12	28.85	20.48
	03/16/13	29.15	20.18
	06/21/13	28.78	20.55
	09/27/13	28.55	20.78
	12/20/13	28.31	21.02
	02/22/14	28.36	20.97
	06/20/14	28.45	20.88
	09/25/14	28.81	20.52
	12/19/14	29.68	19.65
	03/06/15	29.53	19.80
	06/12/15	29.25	20.08
	09/25/15	30.30	19.03
	12/22/15	29.92	19.41
	02/27/16	29.75	19.58
	08/03/17	30.22	19.11
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	30.25	19.08
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	28.42	20.91
ES-5A (49.84)	03/17/07	28.36	21.48
	07/07/07	29.09	20.75
	09/30/07	29.52	20.32
	01/06/08	29.61	20.23
	03/09/08	29.59	20.25
	06/07/08	29.98	19.86
	09/21/08	30.20	19.64
	12/13/08	30.24	19.60
	03/07/09	30.07	19.77
	06/13/09	30.32	19.52
	09/18/09	30.45	19.39
	12/19/09	31.57	18.27
	03/27/10	29.89	19.95
	06/25/10	29.33	20.51
	09/25/10	29.24	20.60
	12/28/10	28.48	21.36
	02/11/11	28.47	21.37
	06/10/11	28.29	21.55
	09/23/11	NM	-
	12/23/11	NM	-
	02/25/12	28.71	21.13
	06/15/12	28.90	20.94
	09/21/12	29.07	20.77

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
ES-5A (continued)	12/28/12	29.30	20.54
	03/16/13	29.08	20.76
	06/21/13	29.31	20.53
	09/27/13	29.03	20.81
	12/20/13	28.82	21.02
	02/22/14	28.81	21.03
	06/20/14	28.94	20.90
	09/25/14	UTM	-
	12/19/14	29.50	20.34
	03/06/15	29.55	20.29
	06/12/15	29.71	20.13
	09/25/15	30.05	19.79
	12/22/15	30.38	19.46
	02/27/16	30.06	19.78
	08/03/17	30.52	19.32
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	30.73	19.11
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	28.88	20.96
ES-6 (49.59)	03/17/07	28.60	20.99
	07/07/07	29.19	20.40
	09/30/07	29.63	19.96
	01/06/08	29.87	19.72
	03/09/08	29.73	19.86
	06/07/08	30.37	19.22
	09/21/08	30.17	19.42
	12/13/08	30.69	18.90
	03/07/09	30.16	19.43
	06/13/09	30.41	19.18
	09/18/09	30.46	19.13
	12/19/09	30.50	19.09
	03/27/10	30.93	18.66
	06/25/10	29.40	20.19
	09/25/10	30.44	19.15
	12/28/10	28.45	21.14
	02/11/11	28.49	21.10
	06/10/11	28.37	21.22
	09/23/11	28.68	20.91
	12/23/11	28.77	20.82
	02/25/12	28.78	20.81
	06/15/12	28.98	20.61
	09/21/12	29.00	20.59
	12/28/12	29.50	20.09
	03/16/13	29.14	20.45
	06/21/13	29.25	20.34
	09/27/13	29.06	20.53
	12/20/13	28.85	20.74
	02/22/14	28.91	20.68
	06/20/14	28.97	20.62
	09/25/14	UTM	-
	12/19/14	UTM	-
	03/06/15	UTM	-
	06/12/15	UTM	-
	09/25/15	UTM	-
	12/22/15	UTM	-
	02/27/16	UTM	-
	08/01/17	UTM	-
	01/15/18	UTM	-
	04/16/18	UTM	-

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
ES-6	07/20/18	30.75	-
(continued)	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
(53.48)	07/18/19	32.96	20.52
SZT-1	03/09/08	29.88	20.90
(50.78)	06/07/08	30.02	20.76
	09/21/08	30.20	20.58
	12/13/08	30.08	20.70
	03/07/09	29.65	21.13
	06/13/09	30.20	20.58
	09/18/09	30.07	20.71
	12/19/09	30.30	20.48
	03/27/10	29.78	21.00
	06/25/10	29.51	21.27
	09/25/10	29.81	20.97
	12/28/10	28.96	21.82
	02/11/11	28.68	22.10
	06/10/11	NM	-
	09/23/11	NM	-
	12/23/11	NM	-
	02/25/12	28.23	22.55
	06/15/12	NM	-
	09/21/12	28.13	22.65
	12/28/12	28.40	22.38
	03/16/13	28.57	22.21
	06/21/13	27.81	22.97
	09/27/13	27.82	22.96
	12/20/13	27.76	23.02
	02/22/14	28.09	22.69
	06/20/14	28.40	22.38
	09/25/14	29.39	21.39
	12/19/14	28.88	21.90
	03/07/15	28.85	21.93
	06/12/15	29.28	21.50
	09/25/15	29.48	21.30
	12/22/15	29.71	21.07
	02/27/16	29.79	20.99
	08/03/17	29.51	21.27
	01/16/18	30.17	20.61
	04/17/18	29.59	21.19
	07/21/18	29.43	21.35
	10/16/18	29.05	21.73
	01/15/19	28.96	21.82
	04/16/19	28.18	22.60
	07/19/19	27.84	22.94
SZO-1	03/09/08	29.29	21.52
(50.81)	06/07/08	28.83	21.98
	09/21/08	29.96	20.85
	12/13/08	29.86	20.95
	03/07/09	27.05	23.76
	06/13/09	29.98	20.83
	09/18/09	29.86	20.95
	12/19/09	30.06	20.75
	03/27/10	29.29	21.52
	06/25/10	29.29	21.52
	09/25/10	29.30	21.51
	12/28/10	28.72	22.09
	02/11/11	28.64	22.17
	06/10/11	27.61	23.20
	09/23/11	28.03	22.78
	12/23/11	28.02	22.79

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
SZO-1 (continued)	02/25/12	28.13	22.68
	06/15/12	28.17	22.64
	09/21/12	28.52	22.29
	12/28/12	28.30	22.51
	03/16/13	28.35	22.46
	06/21/13	28.03	22.78
	09/27/13	27.77	23.04
	12/20/13	27.66	23.15
	02/22/14	28.12	22.69
	06/20/14	28.16	22.65
	09/25/14	29.00	21.81
	12/19/14	28.55	22.26
	03/07/15	28.56	22.25
	06/12/15	29.06	21.75
	09/25/15	28.21	22.60
	12/22/15	29.40	21.41
	02/27/16	29.54	21.27
	08/03/17	29.31	21.50
	01/16/18	30.60	20.21
	04/17/18	34.05	16.76
	07/21/18	30.02	20.79
	10/16/18	28.80	22.01
	01/15/19	28.55	22.26
	04/16/19	27.85	22.96
	07/19/19	27.50	23.31
SZO-2 (50.77)	03/09/08	29.50	21.27
	06/07/08	29.73	21.04
	09/21/08	29.91	20.86
	12/13/08	29.65	21.12
	03/07/09	28.37	22.40
	06/13/09	28.62	22.15
	09/18/09	29.77	21.00
	12/19/09	30.00	20.77
	03/27/10	29.50	21.27
	06/25/10	29.23	21.54
	09/25/10	29.15	21.62
	12/28/10	28.63	22.14
	02/11/11	28.07	22.70
	06/10/11	NM	-
	09/23/11	27.55	23.22
	12/23/11	27.91	22.86
	02/25/12	27.85	22.92
	06/15/12	28.00	22.77
	09/21/12	27.98	22.79
	12/28/12	28.30	22.47
	03/16/13	28.36	22.41
	06/21/13	27.28	23.49
	09/27/13	27.59	23.18
	12/20/13	27.55	23.22
	02/22/14	27.80	22.97
	06/20/14	28.02	22.75
	09/25/14	28.52	22.25
	12/19/14	28.56	22.21
	03/07/15	28.50	22.27
	06/12/15	28.98	21.79
	09/25/15	28.08	22.69
	12/22/15	29.32	21.45
	02/29/16	29.42	21.35
	08/03/17	29.20	21.57
	01/16/18	30.35	20.42
	04/17/18	30.40	20.37
	07/21/18	29.01	21.76

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
SZO-2	10/16/18	28.55	22.22
(continued)	01/15/19	28.33	22.44
	04/16/19	27.69	23.08
	07/19/19	27.37	23.40
INTERMEDIATE ZONE WELLS			
I-1	03/17/07	58.16	-12.26
(45.90)	07/07/07	69.84	-23.94
	09/30/07	77.10	-31.20
	01/06/08	74.20	-28.30
	03/09/08	70.61	-24.71
	06/07/08	78.20	-32.30
	09/21/08	79.60	-33.70
	12/13/08	UTM	-
	03/07/09	79.70	-33.80
	06/23/09	79.62	-33.72
	09/18/09	79.70	-33.80
	12/19/09	79.68	-33.78
	03/27/10	84.85	-38.95
	06/25/10	84.70	-38.80
	09/25/10	85.70	-39.80
	12/28/10	81.72	-35.82
	02/11/11	79.71	-33.81
	06/10/11	77.60	-31.70
	09/23/11	67.19	-21.29
	12/23/11	67.78	-21.88
	02/25/12	67.55	-21.65
	06/15/12	65.69	-19.79
	09/21/12	71.98	-26.08
	12/28/12	70.78	-24.88
	03/16/13	70.27	-24.37
	06/21/13	72.69	-26.79
	09/27/13	78.50	-32.60
	12/20/13	78.25	-32.35
	02/22/14	77.69	-31.79
	06/20/14	81.32	-35.42
	09/25/14	86.30	-40.40
	12/22/14	87.52	-41.62
	03/07/15	85.27	-39.37
	06/12/15	85.21	-39.31
	09/25/15	88.01	-42.11
	12/22/15	UTM	-
	03/18/16	85.24	-39.34
	08/04/17	87.67	-41.77
	01/15/18	74.23	-28.33
	04/16/18	74.31	-28.41
	07/19/18	78.20	-32.30
	10/16/18	81.65	-35.75
	01/15/19	80.68	-34.78
	04/15/19	76.99	-31.09
	07/19/19	78.16	-32.26
I-2	03/17/07	69.27	-16.09
(53.18)	07/07/07	69.32	-16.14
	09/30/07	UTM	-
	01/06/08	73.72	-20.54
	03/09/08	74.41	-21.23
	06/07/08	74.90	-21.72
	09/21/08	76.69	-23.51
	12/13/08	78.35	-25.17
	03/07/09	80.26	-27.08
	06/13/09	80.72	-27.54
	09/18/09	81.89	-28.71

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-2 (continued)	12/19/09	83.21	-30.03
	03/27/10	83.84	-30.66
	06/25/10	84.17	-30.99
	09/25/10	85.37	-32.19
	12/28/10	84.32	-31.14
	02/11/11	UTM	-
	06/10/11	82.84	-29.66
	09/23/11	80.17	-26.99
	12/23/11	78.06	-24.88
	02/25/12	76.77	-23.59
	06/15/12	74.41	-21.23
	09/21/12	73.93	-20.75
	12/28/12	73.79	-20.61
	03/16/13	73.24	-20.06
	06/21/13	72.98	-19.80
	09/27/13	74.04	-20.86
	12/20/13	75.03	-21.85
	02/21/14	75.43	-22.25
	06/20/14	UTM	-
	DESTROYED SEPTEMBER 2014		
I-2R*	07/19/18	NM	-
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	UTM	-
I-3 (47.18)	03/17/07	62.75	-15.57
	07/07/07	62.71	-15.53
	09/30/07	65.49	-18.31
	01/06/08	68.98	-21.80
	03/09/08	70.50	-23.32
	06/07/08	70.81	-23.63
	09/21/08	73.06	-25.88
	12/13/08	74.70	-27.52
	03/07/09	76.16	-28.98
	06/13/09	76.72	-29.54
	09/18/09	77.64	-30.46
	12/19/09	78.53	-31.35
	03/27/10	78.75	-31.57
	06/25/10	78.84	-31.66
	09/25/10	78.80	-31.62
	12/28/10	78.53	-31.35
	02/11/11	78.20	-31.02
	06/10/11	76.99	-29.81
	09/23/11	75.41	-28.23
	12/23/11	73.17	-25.99
	02/25/12	71.67	-24.49
	06/15/12	69.33	-22.15
	09/21/12	67.88	-20.70
	12/28/12	67.40	-20.22
	03/16/13	67.30	-20.12
	06/21/13	66.80	-19.62
	09/27/13	67.69	-20.51
	12/20/13	68.85	-21.67
	02/21/14	69.50	-22.32
	06/20/14	70.65	-23.47
	09/25/14	72.31	-25.13
	12/19/14	74.05	-26.87
	03/07/15	75.41	-28.23
	06/12/15	76.00	-28.82
	09/25/15	76.60	-29.42
	12/22/15	77.43	-30.25
	02/26/16	77.67	-30.49

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-3	08/08/17	78.46	-31.28
(continued)	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	75.36	-28.18
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	74.17	-26.99
I-4	03/17/07	66.78	-15.82
(50.96)	07/07/07	67.71	-16.75
	09/30/07	71.11	-20.15
	01/06/08	76.19	-25.23
	03/09/08	75.45	-24.49
	06/07/08	77.05	-26.09
	09/21/08	80.69	-29.73
	12/13/08	82.64	-31.68
	03/07/09	82.97	-32.01
	06/13/09	83.13	-32.17
	09/18/09	84.50	-33.54
	12/19/09	86.05	-35.09
	03/27/10	85.34	-34.38
	06/25/10	85.07	-34.11
	09/25/10	85.37	-34.41
	12/28/10	84.39	-33.43
	02/11/11	82.56	-31.60
	06/10/11	79.97	-29.01
	09/23/11	73.75	-22.79
	12/23/11	72.71	-21.75
	02/25/12	71.73	-20.77
	06/15/12	69.74	-18.78
	09/21/12	72.05	-21.09
	12/28/12	71.99	-21.03
	03/16/13	71.82	-20.86
	06/21/13	72.19	-21.23
	09/27/13	74.30	-23.34
	12/20/13	75.36	-24.40
	02/21/14	76.52	-25.56
	06/20/14	78.82	-27.86
	DESTROYED SEPTEMBER 2014		
I-4R	07/19/18	NM	-
(56.82)	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	84.32	-27.50
I-6	03/17/07	65.36	-15.91
(49.45)	07/07/07	65.86	-16.41
	09/30/07	69.74	-20.29
	01/06/08	72.94	-23.49
	03/09/08	72.29	-22.84
	06/07/08	74.36	-24.91
	09/21/08	77.09	-27.64
	12/13/08	78.81	-29.36
	03/07/09	78.95	-29.50
	06/13/09	80.31	-30.86
	09/18/09	81.31	-31.86
	12/19/09	82.21	-32.76
	03/27/10	82.12	-32.67
	06/25/10	82.00	-32.55
	09/25/10	82.00	-32.55
	12/28/10	81.52	-32.07
	02/11/11	81.19	-31.74
	06/10/11	79.73	-30.28

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-6 (continued)	09/23/11	77.20	-27.75
	12/23/11	74.87	-25.42
	02/25/12	73.62	-24.17
	06/15/12	71.42	-21.97
	09/21/12	70.38	-20.93
	12/28/12	70.40	-20.95
	03/16/13	69.91	-20.46
	06/21/13	69.71	-20.26
	09/27/13	70.99	-21.54
	12/20/13	72.30	-22.85
	02/21/14	72.90	-23.45
	06/20/14	74.07	-24.62
	09/25/14	76.11	-26.66
	12/19/14	77.97	-28.52
	03/06/15	78.66	-29.21
	06/12/15	79.35	-29.90
	09/25/15	80.08	-30.63
	12/22/15	80.51	-31.06
	02/26/16	80.82	-31.37
	08/05/17	82.50	-33.05
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	77.91	-28.46
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	77.06	-27.61
I-7 (48.87)	03/17/07	64.57	-15.70
	07/07/07	64.75	-15.88
	09/30/07	68.01	-19.14
	01/06/08	71.43	-22.56
	03/09/08	72.12	-23.25
	06/07/08	73.68	-24.81
	09/21/08	75.46	-26.59
	12/13/08	77.11	-28.24
	03/07/09	78.46	-29.59
	06/13/09	78.92	-30.05
	09/18/09	79.69	-30.82
	12/19/09	80.63	-31.76
	03/27/10	80.90	-32.03
	06/25/10	80.78	-31.91
	09/25/10	80.72	-31.85
	12/28/10	80.48	-31.61
	02/11/11	79.97	-31.10
	06/10/11	78.89	-30.02
	09/23/11	76.96	-28.09
	12/23/11	74.73	-25.86
	02/25/12	73.20	-24.33
	06/15/12	71.00	-22.13
	09/21/12	69.70	-20.83
	12/28/12	69.52	-20.65
	03/16/13	69.10	-20.23
	06/21/13	68.82	-19.95
	09/27/13	69.72	-20.85
	12/20/13	70.99	-22.12
	02/22/14	71.65	-22.78
	06/20/14	72.75	-23.88
	09/25/14	74.60	-25.73
	12/19/14	76.43	-27.56
	03/06/15	77.09	-28.22
	06/12/15	78.03	-29.16
	09/25/15	78.74	-29.87

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-7	12/22/15	79.23	-30.36
(continued)	02/26/16	79.57	-30.70
	08/05/17	80.31	-31.44
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	77.10	-28.23
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/20/19	76.15	-27.28
I-8	03/17/07	65.16	-15.66
(49.50)	07/07/07	65.31	-15.81
	09/30/07	UTM	-
	01/06/08	UTM	-
	03/09/08	72.57	-23.07
	06/07/08	73.31	-23.81
	09/21/08	75.78	-26.28
	12/13/08	77.40	-27.90
	03/07/09	78.86	-29.36
	06/13/09	79.32	-29.82
	09/18/09	80.08	-30.58
	12/19/09	81.05	-31.55
	03/27/10	81.39	-31.89
	06/25/10	81.27	-31.77
	09/25/10	81.19	-31.69
	12/28/10	80.92	-31.42
	02/11/11	80.60	-31.10
	06/10/11	79.50	-30.00
	09/23/11	72.62	-23.12
	12/23/11	75.47	-25.97
	02/25/12	73.85	-24.35
	06/15/12	71.65	-22.15
	09/21/12	70.30	-20.80
	12/28/12	69.91	-20.41
	03/16/13	69.58	-20.08
	06/21/13	69.35	-19.85
	09/27/13	70.24	-20.74
	12/20/13	71.40	-21.90
	02/22/14	72.10	-22.60
	06/20/14	73.19	-23.69
	09/25/14	75.05	-25.55
	12/19/14	76.77	-27.27
	03/06/15	77.70	-28.20
	06/12/15	78.48	-28.98
	09/25/15	79.20	-29.70
	12/22/15	79.69	-30.19
	02/27/16	80.00	-30.50
	08/05/17	80.89	-31.39
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	77.75	-28.25
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	76.62	-27.12
I-9	03/17/07	63.64	-15.59
(48.05)	07/07/07	63.75	-15.70
	09/30/07	67.91	-19.86
	01/06/08	70.26	-22.21
	03/09/08	71.09	-23.04
	06/07/08	72.82	-24.77
	09/21/08	74.34	-26.29

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-9 (continued)	12/13/08	76.00	-27.95
	03/07/09	77.41	-29.36
	06/13/09	77.89	-29.84
	09/18/09	78.71	-30.66
	12/19/09	79.60	-31.55
	03/27/10	79.78	-31.73
	06/25/10	79.80	-31.75
	09/25/10	79.70	-31.65
	12/28/10	79.54	-31.49
	02/11/11	79.04	-30.99
	06/10/11	78.00	-29.95
	09/23/11	78.10	-30.05
	12/23/11	73.91	-25.86
	02/25/12	72.31	-24.26
	06/15/12	70.10	-22.05
	09/21/12	68.79	-20.74
	12/28/12	68.56	-20.51
	03/16/13	68.07	-20.02
	06/21/13	67.88	-19.83
	09/27/13	68.75	-20.70
	12/20/13	69.95	-21.90
	02/22/14	70.65	-22.60
	06/20/14	71.75	-23.70
	09/25/14	73.53	-25.48
	12/19/14	75.34	-27.29
	03/06/15	76.27	-28.22
	06/12/15	77.02	-28.97
	09/25/15	77.73	-29.68
	12/22/15	78.22	-30.17
	02/26/16	78.61	-30.56
	08/05/17	79.41	-31.36
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	76.20	-28.15
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	75.24	-27.19
I-10 (49.05)	03/17/07	56.55	-7.50
	07/07/07	72.07	-23.02
	09/30/07	79.84	-30.79
	01/06/08	74.59	-25.54
	03/09/08	69.65	-20.60
	06/07/08	82.88	-33.83
	09/21/08	83.81	-34.76
	12/13/08	84.02	-34.97
	03/07/09	84.27	-35.22
	06/13/09	85.34	-36.29
	09/18/09	85.86	-36.81
	12/19/09	85.65	-36.60
	03/27/10	84.91	-35.86
	06/25/10	85.69	-36.64
	09/25/10	85.60	-36.55
	12/28/10	84.25	-35.20
	02/11/11	84.36	-35.31
	06/10/11	84.04	-34.99
	09/23/11	73.89	-24.84
	12/23/11	72.14	-23.09
	02/25/12	71.53	-22.48
	06/15/12	69.22	-20.17
	09/21/12	75.45	-26.40
	12/28/12	75.55	-26.50

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-10 (continued)	03/16/13	74.20	-25.15
	06/21/13	76.06	-27.01
	09/27/13	82.30	-33.25
	12/20/13	82.58	-33.53
	02/22/14	82.03	-32.98
	06/20/14	84.72	-35.67
	09/25/14	88.20	-39.15
	12/19/14	88.09	-39.04
	03/07/15	87.80	-38.75
	06/12/15	88.03	-38.98
	09/25/15	88.33	-39.28
	12/22/15	88.13	-39.08
	02/26/16	87.81	-38.76
	08/02/17	88.00	-38.95
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	80.13	-31.08
	10/15/18	NM	-
	01/14/19	NM	-
	04/16/19	82.69	-33.64
	07/19/19	82.28	-33.23
I-11 (51.20)	03/17/07	66.96	-15.76
	07/07/07	67.44	-16.24
	09/30/07	71.23	-20.03
	01/06/08	74.20	-23.00
	03/09/08	74.62	-23.42
	06/07/08	75.76	-24.56
	09/21/08	78.27	-27.07
	12/13/08	79.93	-28.73
	03/07/09	81.12	-29.92
	06/13/09	81.55	-30.35
	09/18/09	82.36	-31.16
	12/19/09	83.39	-32.19
	03/27/10	83.44	-32.24
	06/25/10	83.32	-32.12
	09/25/10	83.27	-32.07
	12/28/10	82.97	-31.77
	02/11/11	82.51	-31.31
	06/10/11	81.35	-30.15
	09/23/11	79.21	-28.01
	12/23/11	77.08	-25.88
	02/25/12	75.56	-24.36
	06/15/12	73.31	-22.11
	09/21/12	72.13	-20.93
	12/28/12	71.98	-20.78
	03/16/13	71.48	-20.28
	06/21/13	71.32	-20.12
	09/27/13	72.40	-21.20
	12/20/13	73.61	-22.41
	02/22/14	74.27	-23.07
	06/20/14	75.40	-24.20
	09/25/14	77.37	-26.17
	12/19/14	79.18	-27.98
	03/07/15	79.90	-28.70
	06/12/15	80.63	-29.43
	09/25/15	81.36	-30.16
	12/25/15	81.82	-30.62
	02/27/16	82.05	-30.85
	08/02/17	82.72	-31.52
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	79.55	-28.35

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-11	10/15/18	NM	-
(continued)	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	78.51	-27.31
I-13	03/17/07	66.02	-16.15
(49.87)	07/07/07	66.33	-16.46
	09/30/07	70.32	-20.45
	01/06/08	73.74	-
	03/09/08	74.12	-24.25
	06/07/08	74.90	-25.03
	09/21/08	77.64	-27.77
	12/13/08	79.34	-29.47
	03/07/09	80.58	-30.71
	06/13/09	80.92	-31.05
	09/18/09	81.81	-31.94
	12/19/09	82.87	-33.00
	03/27/10	82.41	-32.54
	06/25/10	82.65	-32.78
	09/25/10	82.67	-32.80
	12/28/10	82.25	-32.38
	02/11/11	81.89	-32.02
	06/10/11	80.35	-30.48
	09/23/11	77.83	-27.96
	12/23/11	75.44	-25.57
	02/25/12	73.87	-24.00
	06/15/12	71.74	-21.87
	09/21/12	70.80	-20.93
	12/28/12	71.02	-21.15
	03/16/13	70.61	-20.74
	06/21/13	70.36	-20.49
	09/27/13	71.76	-21.89
	12/20/13	73.21	-23.34
	02/21/14	73.76	-23.89
	06/20/14	74.92	-25.05
	09/25/14	UTM	-
	12/19/14	UTM	-
	03/07/15	79.43	-29.56
	06/12/15	80.08	-30.21
	09/25/15	80.85	-30.98
	12/22/15	81.30	-31.43
	02/27/16	81.55	-31.68
	08/05/17	82.12	-32.25
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	78.44	-28.57
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	UTM	-
I-15	03/17/07	57.04	-11.99
(45.05)	07/07/07	71.08	-26.03
	09/30/07	79.38	-34.33
	01/06/08	74.45	-29.40
	03/09/08	70.16	-25.11
	06/07/08	70.27	-25.22
	09/21/08	85.87	-40.82
	12/13/08	86.88	-41.83
	03/07/09	85.49	-40.44
	06/13/09	86.60	-41.55
	09/18/09	90.08	-45.03
	12/19/09	90.25	-45.20

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-15 (continued)	03/27/10	86.14	-41.09
	06/25/10	86.49	-41.44
	09/25/10	88.14	-43.09
	12/28/10	81.12	-36.07
	02/11/11	80.51	-35.46
	06/10/11	77.54	-32.49
	09/23/11	66.40	-21.35
	12/23/11	67.92	-22.87
	02/25/12	67.75	-22.70
	06/15/12	66.12	-21.07
	09/21/12	73.03	-27.98
	12/28/12	71.66	-26.61
	03/16/13	71.51	-26.46
	06/21/13	74.24	-29.19
	09/27/13	81.40	-36.35
	12/20/13	80.17	-35.12
	02/22/14	79.53	-34.48
	06/20/14	84.81	-39.76
	09/25/14	90.37	-45.32
	12/19/14	89.98	-44.93
	03/07/15	86.81	-41.76
	06/12/15	87.35	-42.30
	09/25/15	90.30	-45.25
	12/22/15	89.13	-44.08
	02/26/16	85.90	-40.85
	08/01/17	87.95	-42.90
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	77.75	-32.70
	10/15/18	NM	-
	01/14/19	NM	-
	04/16/19	77.68	-32.63
	07/18/19	79.67	-34.62
I-16 (50.18)	03/17/07	65.98	-15.80
	07/07/07	66.46	-16.28
	09/30/07	70.25	-20.07
	01/06/08	73.52	-23.34
	03/09/08	73.74	-23.56
	06/07/08	74.81	-24.63
	09/21/08	86.19	-36.01
	12/13/08	79.08	-28.90
	03/07/09	80.23	-30.05
	06/13/09	80.54	-30.36
	09/18/09	81.40	-31.22
	12/19/09	82.48	-32.30
	03/27/10	82.42	-32.24
	06/25/10	82.34	-32.16
	09/25/10	82.32	-32.14
	12/28/10	81.86	-31.68
	02/11/11	81.54	-31.36
	06/10/11	80.20	-30.02
	09/23/11	77.98	-27.80
	12/23/11	75.82	-25.64
	02/25/12	74.31	-24.13
	06/15/12	72.10	-21.92
	09/21/12	70.92	-20.74
	12/28/12	70.83	-20.65
	03/16/13	70.40	-20.22
	06/21/13	70.15	-19.97
	09/27/13	71.25	-21.07
	12/20/13	72.53	-22.35
	02/22/14	73.12	-22.94

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-16 (continued)	06/20/14	74.30	-24.12
	09/25/14	76.27	-26.09
	12/19/14	78.10	-27.92
	03/07/15	77.80	-27.62
	06/12/15	79.55	-29.37
	09/25/15	80.27	-30.09
	12/22/15	80.71	-30.53
	02/26/16	80.91	-30.73
	8/5/2017	81.52	-31.34
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	78.35	-28.17
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	77.41	-27.23
I-17 (47.63)	03/17/07	60.63	-13.00
	07/07/07	74.03	-26.40
	09/30/07	81.92	-34.29
	01/06/08	77.93	-30.30
	03/09/08	73.67	-26.04
	06/07/08	74.13	-26.50
	09/21/08	83.38	-35.75
	12/13/08	86.71	-39.08
	03/07/09	80.71	-33.08
	06/13/09	80.64	-33.01
	09/18/09	89.14	-41.51
	12/19/09	80.67	-33.04
	03/27/10	80.69	-33.06
	06/25/10	84.67	-37.04
	09/25/10	86.21	-38.58
	12/28/10	80.58	-32.95
	02/11/11	79.74	-32.11
	06/10/11	77.58	-29.95
	09/23/11	67.10	-19.47
	12/23/11	68.25	-20.62
	02/25/12	67.85	-20.22
	06/15/12	66.46	-18.83
	09/21/12	73.13	-25.50
	12/28/12	71.51	-23.88
	03/16/13	71.72	-24.09
	06/21/13	74.03	-26.40
	09/27/13	80.35	-32.72
	12/20/13	79.40	-31.77
	02/22/14	78.70	-31.07
	06/20/14	83.26	-35.63
	09/25/14	88.91	-41.28
	12/19/14	88.61	-40.98
	03/07/15	85.05	-37.42
	06/12/15	85.65	-38.02
	09/25/15	89.05	-41.42
	12/22/15	88.25	-40.62
	02/27/16	84.43	-36.80
	08/02/17	84.52	-36.89
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	76.45	-28.82
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	78.62	-30.99

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-18	03/17/07	54.87	-10.88
(43.99)	07/07/07	67.81	-23.82
	09/30/07	75.88	-31.89
	01/06/08	71.93	-27.94
	03/09/08	69.28	-25.29
	06/07/08	72.14	-28.15
	09/21/08	90.27	-46.28
	12/13/08	84.27	-40.28
	03/07/09	83.08	-39.09
	06/13/09	83.76	-39.77
	09/18/09	86.77	-42.78
	12/19/09	87.56	-43.57
	03/27/10	83.81	-39.82
	06/25/10	83.92	-39.93
	09/25/10	85.35	-41.36
	12/28/10	79.48	-35.49
	02/11/11	79.34	-35.35
	06/10/11	75.78	-31.79
	09/23/11	65.30	-21.31
	12/23/11	66.38	-22.39
	02/25/12	66.06	-22.07
	06/15/12	64.30	-20.31
	09/21/12	70.90	-26.91
	12/28/12	69.55	-25.56
	03/16/13	69.25	-25.26
	06/21/13	71.89	-27.90
	09/27/13	78.42	-34.43
	12/20/13	77.59	-33.60
	02/22/14	77.00	-33.01
	06/20/14	81.65	-37.66
	09/25/14	86.80	-42.81
	12/19/14	87.15	-43.16
	03/07/15	84.31	-40.32
	06/12/15	84.69	-40.70
	09/25/15	87.38	-43.39
	12/22/15	86.72	-42.73
	02/27/16	83.17	-39.18
	08/01/17	85.54	-41.55
	01/15/18	71.33	-27.34
	04/16/18	73.25	-29.26
	07/19/18	75.40	-31.41
	10/15/18	81.37	-37.38
	01/14/19	79.51	-35.52
	04/15/19	75.59	-31.60
	07/18/19	77.39	-33.40
I-19	03/17/07	50.44	-5.51
(44.93)	07/07/07	63.81	-18.88
	09/30/07	72.40	-27.47
	01/06/08	67.52	-22.59
	03/09/08	63.35	-18.42
	06/07/08	70.12	-25.19
	09/21/08	84.49	-39.56
	12/13/08	86.04	-41.11
	03/07/09	84.30	-39.37
	06/13/09	85.42	-40.49
	09/18/09	88.23	-43.30
	12/19/09	89.49	-44.56
	03/27/10	85.48	-40.55
	06/25/10	85.60	-40.67
	09/25/10	87.00	-42.07
	12/28/10	81.08	-36.15
	02/11/11	79.79	-34.86

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-19 (continued)	06/10/11	77.17	-32.24
	09/23/11	66.39	-21.46
	12/23/11	67.59	-22.66
	02/25/12	67.31	-22.38
	06/15/12	65.55	-20.62
	09/21/12	72.40	-27.47
	12/28/12	71.00	-26.07
	03/16/13	70.72	-25.79
	06/21/13	73.43	-28.50
	09/27/13	80.21	-35.28
	12/20/13	79.16	-34.23
	02/22/14	78.50	-33.57
	06/20/14	83.35	-38.42
	09/25/14	87.40	-42.47
	12/19/14	88.13	-43.20
	03/07/15	79.80	-34.87
	06/12/15	86.21	-41.28
	09/25/15	87.47	-42.54
	12/22/15	88.82	-43.89
	02/29/16	85.37	-40.44
	08/01/17	85.70	-40.77
	01/15/18	72.24	-27.31
	04/16/18	74.22	-29.29
	07/19/18	75.80	-30.87
	10/15/18	81.11	-36.18
	01/14/19	78.85	-33.92
	04/15/19	76.34	-31.41
	07/18/19	76.99	-32.06
I-20 (49.94)	03/17/07	65.68	-15.74
	07/07/07	67.01	-17.07
	09/30/07	71.37	-21.43
	01/06/08	73.82	-23.88
	03/09/08	70.80	-20.86
	06/07/08	72.50	-22.56
	09/21/08	77.84	-27.90
	12/13/08	79.29	-29.35
	03/07/09	79.96	-30.02
	06/13/09	80.41	-30.47
	09/18/09	80.73	-30.79
	12/19/09	80.95	-31.01
	03/27/10	81.10	-31.16
	06/25/10	81.09	-31.15
	09/25/10	81.15	-31.21
	12/28/10	81.20	-31.26
	02/11/11	81.37	-31.43
	06/10/11	81.03	-31.09
	09/23/11	80.14	-30.20
	12/23/11	76.65	-26.71
	02/25/12	74.80	-24.86
	06/15/12	72.24	-22.30
	09/21/12	71.28	-21.34
	12/28/12	71.48	-21.54
	03/16/13	70.88	-20.94
	06/21/13	70.65	-20.71
	09/27/13	72.51	-22.57
	12/20/13	73.70	-23.76
	02/22/14	74.33	-24.39
	06/20/14	75.37	-25.43
	09/25/14	76.93	-26.99
	12/19/14	78.30	-28.36
	03/07/15	77.85	-27.91
	06/12/15	79.44	-29.50

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
I-20 (continued)	09/25/15	79.88	-29.94
	12/22/15	79.65	-29.71
	02/27/16	80.42	-30.48
	08/01/17	81.90	-31.96
	01/15/18	NM	NM
	04/16/18	NM	NM
	07/21/18	79.90	-29.96
	10/15/18	NM	NM
	01/14/19	NM	NM
	04/16/19	78.87	-28.93
	07/19/19	78.47	-28.53
I-21 (48.37)	03/17/07	64.72	-16.35
	07/07/07	80.07	-31.70
	09/30/07	89.13	-40.76
	01/06/08	83.53	-35.16
	03/09/08	78.76	-30.39
	06/07/08	86.23	-37.86
	09/21/08	90.35	-41.98
	12/13/08	92.80	-44.43
	03/07/09	88.99	-40.62
	06/13/09	91.90	-43.53
	09/18/09	95.49	-47.12
	12/19/09	95.37	-47.00
	03/27/10	89.01	-40.64
	06/25/10	91.80	-43.43
	09/25/10	93.58	-45.21
	12/28/10	85.79	-37.42
	02/11/11	85.32	-36.95
	06/10/11	82.14	-33.77
	09/23/11	70.52	-22.15
	12/23/11	72.33	-23.96
	02/25/12	72.22	-23.85
	06/15/12	70.73	-22.36
	09/21/12	78.32	-29.95
	12/28/12	76.49	-28.12
	03/16/13	76.51	-28.14
	06/21/13	79.69	-31.32
	09/27/13	86.93	-38.56
	12/20/13	85.28	-36.91
	02/22/14	84.62	-36.25
	06/20/14	90.37	-42.00
	09/25/14	95.00	-46.63
	12/19/14	95.19	-46.82
	03/10/15	91.50	-43.13
	06/12/15	92.52	-44.15
	09/25/15	95.66	-47.29
	12/22/15	93.70	-45.33
	02/29/16	90.45	-42.08
	08/02/17	92.75	-44.38
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	83.05	-34.68
	10/15/18	NM	-
	01/14/19	NM	-
	04/16/19	UTM	-
	07/20/19	85.27	-36.90
IT-5 (49.30)	03/17/07	64.95	-15.65
	07/07/07	64.02	-14.72
	09/30/07	67.94	-18.64
	01/06/08	71.41	-22.11
	03/09/08	72.30	-23.00
	06/07/08	75.14	-25.84

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
IT-5 (continued)	09/21/08	75.51	-26.21
	12/13/08	77.15	-27.85
	03/07/09	78.58	-29.28
	06/13/09	79.05	-29.75
	09/18/09	79.88	-30.58
	12/19/09	80.79	-31.49
	03/27/10	81.02	-31.72
	06/25/10	81.00	-31.70
	09/25/10	80.95	-31.65
	12/28/10	80.69	-31.39
	02/11/11	80.44	-31.14
	06/10/11	79.21	-29.91
	09/23/11	77.37	-28.07
	12/23/11	75.16	-25.86
	02/25/12	73.57	-24.27
	06/15/12	71.41	-22.11
	09/21/12	70.05	-20.75
	12/28/12	69.78	-20.48
	03/16/13	69.43	-20.13
	06/21/13	69.08	-19.78
	09/27/13	69.94	-20.64
	12/20/13	71.15	-21.85
	02/22/14	71.74	-22.44
	06/20/14	72.94	-23.64
	09/25/14	74.70	-25.40
	12/19/14	76.51	-27.21
	03/07/15	77.44	-28.14
	06/12/15	78.25	-28.95
	09/25/15	78.92	-29.62
	12/22/15	79.44	-30.14
	02/29/16	79.81	-30.51
	08/03/17	80.65	-31.35
	01/15/18	NM	-
	04/16/18	NM	-
	07/21/18	77.45	-28.15
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	76.36	-27.06
IZXX (50.35)	03/09/08	70.67	-
	06/07/08	71.83	-21.48
	09/21/08	72.05	-21.70
	12/13/08	71.30	-20.95
	03/07/09	69.49	-19.14
	06/13/09	81.93	-31.58
	09/18/09	81.79	-31.44
	12/19/09	77.04	-26.69
	03/27/10	58.31	-7.96
	06/25/10	NM	-
	09/25/10	NM	-
	12/28/10	NM	-
	02/11/11	NM	-
	06/10/11	NM	-
	09/23/11	NM	-
	12/23/11	NM	-
	02/25/12	NM	-
	06/15/12	NM	-
	09/21/12	NM	-
	12/28/12	NM	-
	03/16/13	NM	-
	06/21/13	NM	-
	09/27/13	NM	-

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
IZXX	12/20/13	NM	-
(continued)	02/21/14	NM	-
	06/20/14	NM	-
	DESTROYED SEPTEMBER 2014		
EI-1	03/17/07	65.41	-15.70
(49.71)	07/07/07	65.56	-15.85
	09/30/07	68.73	-19.02
	01/06/08	72.16	-22.45
	03/02/08	72.70	-22.99
	06/07/08	73.68	-23.97
	09/21/08	76.03	-26.32
	12/13/08	77.70	-27.99
	03/07/09	79.07	-29.36
	06/13/09	79.53	-29.82
	09/18/09	80.30	-30.59
	12/19/09	81.22	-31.51
	03/27/10	81.55	-31.84
	06/25/10	81.42	-31.71
	09/25/10	81.35	-31.64
	12/28/10	81.13	-31.42
	02/11/11	80.90	-31.19
	06/10/11	79.56	-29.85
	09/23/11	77.62	-27.91
	12/23/11	75.24	-25.53
	02/25/12	74.03	-24.32
	06/15/12	71.65	-21.94
	09/21/12	70.19	-20.48
	12/28/12	70.16	-20.45
	03/16/13	69.71	-20.00
	06/21/13	69.46	-19.75
	09/27/13	70.36	-20.65
	12/20/13	71.60	-21.89
	02/22/14	72.24	-22.53
	06/20/14	73.40	-23.69
	09/25/14	75.20	-25.49
	12/19/14	77.00	-27.29
	03/06/15	78.01	-28.30
	06/12/15	78.65	-28.94
	09/25/15	79.39	-29.68
	12/22/15	79.87	-30.16
	02/26/16	80.17	-30.46
	08/05/17	81.00	-31.29
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	77.80	-28.09
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	76.82	-27.11
EI-2	03/17/07	64.32	-15.81
(48.51)	07/07/07	64.51	-16.00
	09/30/07	67.92	-19.41
	01/06/08	71.26	-22.75
	03/02/08	71.80	-23.29
	06/07/08	72.82	-24.31
	09/21/08	75.28	-26.77
	12/13/08	76.97	-28.46
	03/07/09	78.27	-29.76
	06/13/09	78.68	-30.17
	09/18/09	79.49	-30.98
	12/19/09	80.45	-31.94
	03/27/10	80.65	-32.14

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
EI-2 (continued)	06/25/10	80.51	-32.00
	09/25/10	80.47	-31.96
	12/28/10	80.18	-31.67
	02/11/11	79.88	-31.37
	06/10/11	78.52	-30.01
	09/23/11	76.45	-27.94
	12/23/11	74.24	-25.73
	02/25/12	72.85	-24.34
	06/15/12	70.51	-22.00
	09/21/12	69.27	-20.76
	12/28/12	69.15	-20.64
	03/16/13	68.75	-20.24
	06/21/13	68.49	-19.98
	09/27/13	69.48	-20.97
	12/20/13	70.71	-22.20
	02/22/14	71.36	-22.85
	06/20/14	72.52	-24.01
	09/25/14	74.40	-25.89
	12/19/14	76.26	-27.75
	03/06/15	77.10	-28.59
	06/12/15	77.77	-29.26
	09/25/15	78.51	-30.00
	12/22/15	79.00	-30.49
	02/26/16	79.25	-30.74
	08/05/17	81.10	-32.59
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	76.80	-28.29
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	75.76	-27.25
EI-3 (49.44)	03/17/07	65.55	-16.11
	07/07/07	65.82	-16.38
	09/30/07	69.60	-20.16
	01/06/08	71.99	-22.55
	03/02/08	72.99	-23.55
	06/07/08	74.15	-24.71
	09/21/08	76.78	-27.34
	12/13/08	78.52	-29.08
	03/07/09	79.63	-30.19
	06/13/09	80.03	-30.59
	09/18/09	80.95	-31.51
	12/19/09	81.95	-32.51
	03/27/10	81.90	-32.46
	06/25/10	81.70	-32.26
	09/25/10	81.70	-32.26
	12/28/10	81.22	-31.78
	02/11/11	80.85	-31.41
	06/10/11	79.43	-29.99
	09/23/11	76.85	-27.41
	12/23/11	75.42	-25.98
	02/25/12	73.35	-23.91
	06/15/12	71.09	-21.65
	09/21/12	70.35	-20.91
	12/28/12	70.09	-20.65
	03/16/13	69.64	-20.20
	06/21/13	69.44	-20.00
	09/27/13	70.65	-21.21
	12/20/13	71.98	-22.54
	02/22/14	72.63	-23.19
	06/20/14	73.76	-24.32

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
EI-3 (continued)	09/25/14	75.80	-26.36
	12/19/14	77.82	-28.38
	03/06/15	78.35	-28.91
	06/12/15	79.00	-29.56
	09/25/15	79.77	-30.33
	12/22/15	80.21	-30.77
	02/26/16	80.45	-31.01
	08/05/17	82.05	-32.61
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	77.64	-28.20
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	76.79	-27.35
EI-4A (49.68)	03/17/07	65.29	-15.61
	07/07/07	65.04	-15.36
	09/30/07	68.40	-18.72
	01/06/08	71.86	-22.18
	03/02/08	72.50	-22.82
	06/07/08	73.51	-23.83
	09/21/08	75.81	-26.13
	12/13/08	77.46	-27.78
	03/07/09	78.70	-29.02
	06/13/09	79.39	-29.71
	09/18/09	80.12	-30.44
	12/19/09	81.08	-31.40
	03/27/10	81.45	-31.77
	06/25/10	81.31	-31.63
	09/25/10	81.25	-31.57
	12/28/10	81.07	-31.39
	02/11/11	80.87	-31.19
	06/10/11	79.53	-29.85
	09/23/11	77.70	-28.02
	12/23/11	75.50	-25.82
	02/25/12	74.05	-24.37
	06/15/12	71.70	-22.02
	09/21/12	70.33	-20.65
	12/28/12	70.10	-20.42
	03/16/13	69.67	-19.99
	06/21/13	69.43	-19.75
	09/27/13	72.26	-22.58
	12/20/13	71.44	-21.76
	02/22/14	72.10	-22.42
	06/20/14	73.23	-23.55
	09/25/14	75.00	-25.32
	12/19/14	76.81	-27.13
	03/06/15	77.80	-28.12
	06/12/15	78.53	-28.85
	09/25/15	79.26	-29.58
	12/22/15	79.75	-30.07
	02/26/16	80.07	-30.39
	08/05/17	80.88	-31.20
	01/15/18	NM	-
	04/16/18	NM	-
	07/20/18	77.80	-28.12
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/19/19	76.70	-27.02

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
RI-1	03/09/08	68.43	-20.24
(48.19)	06/07/08	73.81	-25.62
	09/21/08	86.00	-37.81
	12/13/08	87.55	-39.36
	03/07/09	86.30	-38.11
	06/13/09	87.28	-39.09
	09/18/09	90.65	-42.46
	12/19/09	91.15	-42.96
	03/27/10	87.62	-39.43
	06/25/10	88.20	-40.01
	09/25/10	89.61	-41.42
	12/28/10	84.05	-35.86
	02/11/11	83.25	-35.06
	06/10/11	80.57	-32.38
	09/23/11	69.91	-21.72
	12/23/11	71.25	-23.06
	02/25/12	70.79	-22.60
	06/15/12	65.47	-17.28
	09/21/12	71.32	-23.13
	12/28/12	73.88	-25.69
	03/16/13	73.47	-25.28
	06/21/13	75.90	-27.71
	09/27/13	82.03	-33.84
	12/20/13	82.97	-34.78
	02/22/14	82.31	-34.12
	06/20/14	85.31	-37.12
	09/25/14	90.75	-42.56
	12/19/14	90.71	-42.52
	03/07/15	87.89	-39.70
	06/12/15	88.71	-40.52
	09/25/15	91.50	-43.31
	12/22/15	90.87	-42.68
	03/03/16	45.00	3.19
	08/02/17	89.78	-41.59
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	NM	-
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	NM	-
RI-2	03/09/08	78.88	-33.98
(44.90)	06/07/08	81.73	-36.83
	09/21/08	81.91	-37.01
	12/13/08	78.08	-33.18
	03/07/09	78.23	-33.33
	06/13/09	78.40	-33.50
	09/18/09	76.43	-31.53
	12/19/09	78.11	-33.21
	03/27/10	78.33	-33.43
	06/25/10	78.42	-33.52
	09/25/10	UTM	-
	12/28/10	76.80	-31.90
	02/11/11	78.51	-33.61
	06/10/11	77.89	-32.99
	09/23/11	68.35	-23.45
	12/23/11	66.68	-21.78
	02/25/12	66.55	-21.65
	06/15/12	64.77	-19.87
	09/21/12	70.89	-25.99
	12/28/12	70.25	-25.35
	03/16/13	69.60	-24.70

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
RI-2 (continued)	06/21/13	71.73	-26.83
	09/27/13	78.01	-33.11
	12/20/13	77.97	-33.07
	02/22/14	77.39	-32.49
	06/20/14	DRY	-
	09/25/14	DRY	-
	12/19/14	DRY	-
	03/07/15	DRY	-
	06/12/15	DRY	-
	09/25/15	77.98	-33.08
	12/22/15	78.28	-33.38
	03/03/16	77.85	-32.95
	08/05/17	dry	-
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	NM	-
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	NM	-
RI-3 (46.25)	03/09/08	78.38	-32.13
	06/07/08	79.27	-33.02
	09/21/08	84.77	-38.52
	12/13/08	80.84	-34.59
	03/07/09	80.80	-34.55
	06/13/09	85.78	-39.53
	09/18/09	89.50	-43.25
	12/19/09	89.74	-43.49
	03/27/10	83.85	-37.60
	06/25/10	86.55	-40.30
	09/25/10	88.47	-42.22
	12/28/10	81.10	-34.85
	02/11/11	80.92	-34.67
	06/10/11	78.21	-31.96
	09/23/11	67.27	-21.02
	12/23/11	68.47	-22.22
	02/25/12	67.95	-21.70
	06/15/12	66.45	-20.20
	09/21/12	74.00	-27.75
	12/28/12	71.75	-25.50
	03/16/13	71.10	-24.85
	06/21/13	74.40	-28.15
	09/27/13	81.61	-35.36
	12/20/13	80.71	-34.46
	02/22/14	80.04	-33.79
	06/20/14	81.30	-35.05
	09/25/14	90.50	-44.25
	12/19/14	90.35	-44.10
	03/07/15	87.37	-41.12
	06/12/15	87.90	-41.65
	09/25/15	90.67	-44.42
	12/22/15	89.85	-43.60
	03/03/16	81.43	-35.18
	08/02/17	88.96	-42.71
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	NM	-
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	NM	-

Table 2
Cumulative Groundwater Elevation Data
Former Conexant Systems, Newport Beach, California

Well ID (Measuring Point Elevation)	Date	Depth to Water (feet below MP)	Groundwater Elevation (feet above/below msl)
RI-4	03/09/08	78.95	-29.78
(49.17)	06/07/08	81.97	-32.80
	09/21/08	87.78	-38.61
	12/13/08	89.26	-40.09
	03/07/09	88.25	-39.08
	06/13/09	88.41	-39.24
	09/18/09	91.20	-42.03
	12/19/09	92.91	-43.74
	03/27/10	88.93	-39.76
	06/25/10	76.30	-27.13
	09/25/10	90.25	-41.08
	12/28/10	84.80	-35.63
	02/11/11	83.38	-34.21
	06/10/11	81.04	-31.87
	09/23/11	70.18	-21.01
	12/23/11	71.78	-22.61
	02/25/12	71.05	-21.88
	06/15/12	69.32	-20.15
	09/21/12	76.10	-26.93
	12/28/12	74.75	-25.58
	03/16/13	74.36	-25.19
	06/21/13	77.16	-27.99
	09/27/13	83.63	-34.46
	12/20/13	82.86	-33.69
	02/22/14	82.27	-33.10
	06/20/14	86.71	-37.54
	09/25/14	91.57	-42.40
	12/19/14	92.79	-43.62
	03/07/15	89.70	-40.53
	06/12/15	89.80	-40.63
	09/25/15	92.46	-43.29
	12/22/15	92.20	-43.03
	03/03/16	89.27	-40.10
	08/02/17	UTM	-
	01/15/18	NM	-
	04/16/18	NM	-
	07/19/18	NM	-
	10/15/18	NM	-
	01/14/19	NM	-
	04/15/19	NM	-
	07/18/19	NM	-

notes:
MP = measuring point
msl = mean sea level
UTM = unable to measure
NM = not measured
DRY = no groundwater detected in well
(49.54) = surveyed top of casing elevation in feet above msl
* = survey data not available

Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone µg/L | Benzene µg/L | Bromobenzene µg/L | Bromochloromethane µg/L | Bromodichloromethane µg/L | Bromoform µg/L | Bromomethane µg/L | 2-Butanone (MEK) µg/L | n-Butylbenzene µg/L | sec-Butylbenzene µg/L | tert-Butylbenzene µg/L | Carbon Disulfide µg/L | Carbon Tetrachloride µg/L | Chlorobenzene µg/L | Chloroethane µg/L | Chloroform µg/L | Chloromethane µg/L | 2-Chlorotoluene µg/L | 4-Chlorotoluene µg/L | 1,2-Dibromo-3-chloropropane µg/L | Dibromochloromethane µg/L | 1,2-Dibromoethane (EDB) µg/L | Dibromomethane µg/L | 1,2-Dichlorobenzene µg/L | 1,3-Dichlorobenzene µg/L | 1,4-Dichlorobenzene µg/L | Dichlorodifluoromethane µg/L | 1,1-Dichloroethane µg/L | 1,2-Dichloroethane µg/L | 1,1-Dichloroethene µg/L | cis-1,2-Dichloroethene µg/L | trans-1,2-Dichloroethene µg/L | 1,2-Dichloropropane µg/L | 1,3-Dichloropropane µg/L | 2,2-Dichloropropane µg/L | cis-1,3-Dichloropropene µg/L | trans-1,3-Dichloropropene µg/L | 1,1-Dichloropropene µg/L | Ethylbenzene µg/L | Hexachlorobutadiene µg/L | 2-Hexanone µg/L | Isopropylbenzene µg/L | p-Isopropyltoluene µg/L | 4-Methyl-2-pentanone (MIBK) µg/L | Methylene Chloride µg/L | Naphthalene µg/L | n-Propylbenzene µg/L | Styrene µg/L | 1,1,1,2-Tetrachloroethane µg/L | 1,1,2,2-Tetrachloroethane µg/L | Tetrachloroethene µg/L | Toluene µg/L | 1,2,3-Trichlorobenzene µg/L | 1,2,4-Trichlorobenzene µg/L | 1,1,1-Trichloroethane µg/L | 1,1,2-Trichloroethane µg/L | Trichloroethene µg/L | Trichlorofluoromethane µg/L | 1,2,3-Trichloropropane µg/L | 1,2,4-Trimethylbenzene µg/L | 1,3,5-Trimethylbenzene µg/L | Vinyl Acetate µg/L | Vinyl Chloride µg/L | m,p-Xylenes µg/L | o-Xylene µg/L | Di-isopropyl Ether (DIPE) µg/L | Ethyl tert-Butyl Ether (ETBE) µg/L | tert-Amyl Methyl Ether (TAME) µg/L | Methyl-tert-butyl Ether (MTBE) µg/L | tert-Butanol (TBA) µg/L | 1,4-Dioxane µg/L | 1,1,2-Trichloro-1,2,2-trifluoroethane µg/L | Methyl Isobutyl Ketone µg/L | Tetrahydrofuran µg/L |
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Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane (EDB) | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | Methyl tert-butyl Ether (MTBE) | 1,4-Dioxane | 1,2,3-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
|---|---|---

Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | 1,2-Dibromoethane (EDB) | Dibromochloromethane | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ethe (TAME) | tert-Butyl Methyl Ethe (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
|---|---|---

Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane (EDB) | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | tert-Butyl Ethyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,2,3-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
|---|---|---

Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | 1,2-Dibromoethane (EDB) | Dibromochloromethane | 1,2-Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | Methyl-tert-butyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
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Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | 1,2-Dibromoethane (EDB) | Dibromochloromethane | 1,2-Dibromomethane | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | tert-butyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
|---|---|---

Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane (EDB) | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | Methyl-tert-butyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
|---|---|---

Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2_Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane (EDB) | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | Methyl-tert-butyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
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Table 3
Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone µg/L | Benzene µg/L | Bromobenzene µg/L | Bromochloromethane µg/L | Bromodichloromethane µg/L | Bromoform µg/L | Bromomethane µg/L | 2-Butanone (MEK) µg/L | n-Butylbenzene µg/L | sec-Butylbenzene µg/L | tert-Butylbenzene µg/L | Carbon Disulfide µg/L | Carbon Tetrachloride µg/L | Chlorobenzene µg/L | Chloroethane µg/L | Chloroform µg/L | Chloromethane µg/L | 2-Chlorotoluene µg/L | 4-Chlorotoluene µg/L | 1,2-Dibromo-3-chloropropane µg/L | Dibromochloromethane µg/L | 1,2-Dibromoethane (EDB) µg/L | Dibromomethane µg/L | 1,2-Dichlorobenzene µg/L | 1,3-Dichlorobenzene µg/L | 1,4-Dichlorobenzene µg/L | Dichlorodifluoromethane µg/L | 1,1-Dichloroethane µg/L | 1,2-Dichloroethane µg/L | 1,1-Dichloroethene µg/L | cis-1,2-Dichloroethene µg/L | trans-1,2-Dichloroethene µg/L | 1,2-Dichloropropane µg/L | 1,3-Dichloropropane µg/L | 2,2-Dichloropropane µg/L | cis-1,3-Dichloropropene µg/L | trans-1,3-Dichloropropene µg/L | 1,1-Dichloropropene µg/L | Ethylbenzene µg/L | Hexachlorobutadiene µg/L | 2-Hexanone µg/L | Isopropylbenzene µg/L | p-Isopropyltoluene µg/L | 4-Methyl-2-pentanone (MIBK) µg/L | Methylene Chloride µg/L | Naphthalene µg/L | n-Propylbenzene µg/L | Styrene µg/L | 1,1,1,2-Tetrachloroethane µg/L | 1,1,2,2-Tetrachloroethane µg/L | Tetrachloroethene µg/L | Toluene µg/L | 1,2,3-Trichlorobenzene µg/L | 1,2,4-Trichlorobenzene µg/L | 1,1,1-Trichloroethane µg/L | 1,1,2-Trichloroethane µg/L | Trichloroethene µg/L | Trichlorofluoromethane µg/L | 1,2,3-Trichloropropane µg/L | 1,2,4-Trimethylbenzene µg/L | 1,3,5-Trimethylbenzene µg/L | Vinyl Acetate µg/L | Vinyl Chloride µg/L | m,p-Xylenes µg/L | o-Xylene µg/L | Di-isopropyl Ether (DIPE) µg/L | Ethyl tert-Butyl Ether (ETBE) µg/L | tert-Amyl Methyl Ether (TAME) µg/L | Methyl-tert-butyl Ether (MTBE) µg/L | tert-Butanol (TBA) µg/L | 1,4-Dioxane µg/L | 1,1,2-Trichloro-1,2,2-trifluoroethane µg/L | Methyl Isobutyl Ketone µg/L | Tetrahydrofuran µg/L |
|---|---|---

Table 3
Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane (EDB) | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | Methyl tert-butyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,2,3-Trichloro-1,2,2-trifluoropropane | Methyl Isobutyl Ketone | Tetrahydrofuran |
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Table 3
Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | 1,2-Dibromoethane (EDB) | Dibromochloromethane | 1,2-Dibromomethane | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | tert-butyl Ethyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
|---|---|---

Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane (EDB) | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | Methyl-tert-butyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
|---|---|---

Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | 1,2-Dibromoethane (EDB) | Dibromochloromethane | 1,2-Dibromomethane | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | DI-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | tert-butyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
|---|---|---

Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane (EDB) | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | DI-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | tert-butyl Ether (MTBE) | Methyl Isobutyl Ketone | tert-Butanol (TBA) | 1,4-Dioxane | 1,2,3-Trichloro-1,2,2-trifluoroethane | Methyl tert-butyl Ether | Tetrahydrofuran |
|---|---|---

Table 3
Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | 1,2-Dibromoethane (EDB) | Dibromochloromethane | 1,2-Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | Methyl tert-butyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,2,3-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
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Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone µg/L | Benzene µg/L | Bromobenzene µg/L | Bromochloromethane µg/L | Bromodichloromethane µg/L | Bromoform µg/L | Bromomethane µg/L | 2-Butanone (MEK) µg/L | n-Butylbenzene µg/L | sec-Butylbenzene µg/L | tert-Butylbenzene µg/L | Carbon Disulfide µg/L | Carbon Tetrachloride µg/L | Chlorobenzene µg/L | Chloroethane µg/L | Chloroform µg/L | Chloromethane µg/L | 2-Chlorotoluene µg/L | 4-Chlorotoluene µg/L | 1,2-Dibromo-3-chloropropane µg/L | Dibromochloromethane µg/L | 1,2-Dibromoethane (EDB) µg/L | Dibromomethane µg/L | 1,2-Dichlorobenzene µg/L | 1,3-Dichlorobenzene µg/L | 1,4-Dichlorobenzene µg/L | Dichlorodifluoromethane µg/L | 1,1-Dichloroethane µg/L | 1,2-Dichloroethane µg/L | 1,1-Dichloroethene µg/L | cis-1,2-Dichloroethene µg/L | trans-1,2-Dichloroethene µg/L | 1,2-Dichloropropane µg/L | 1,3-Dichloropropane µg/L | 2,2-Dichloropropane µg/L | cis-1,3-Dichloropropene µg/L | trans-1,3-Dichloropropene µg/L | 1,1-Dichloropropene µg/L | Ethylbenzene µg/L | Hexachlorobutadiene µg/L | 2-Hexanone µg/L | Isopropylbenzene µg/L | p-Isopropyltoluene µg/L | 4-Methyl-2-pentanone (MIBK) µg/L | Methylene Chloride µg/L | Naphthalene µg/L | n-Propylbenzene µg/L | Styrene µg/L | 1,1,1,2-Tetrachloroethane µg/L | 1,1,2,2-Tetrachloroethane µg/L | Tetrachloroethene µg/L | Toluene µg/L | 1,2,3-Trichlorobenzene µg/L | 1,2,4-Trichlorobenzene µg/L | 1,1,1-Trichloroethane µg/L | 1,1,2-Trichloroethane µg/L | Trichloroethene µg/L | Trichlorofluoromethane µg/L | 1,2,3-Trichloropropane µg/L | 1,2,4-Trimethylbenzene µg/L | 1,3,5-Trimethylbenzene µg/L | Vinyl Acetate µg/L | Vinyl Chloride µg/L | m,p-Xylenes µg/L | o-Xylene µg/L | Di-isopropyl Ether (DIPE) µg/L | Ethyl tert-Butyl Ether (ETBE) µg/L | tert-Amyl Methyl Ether (TAME) µg/L | Methyl-tert-butyl Ether (MTBE) µg/L | tert-Butanol (TBA) µg/L | 1,4-Dioxane µg/L | 1,2,3-Trichloro-1,2,2-trifluoroethane µg/L | Methyl Isobutyl Ketone µg/L | Tetrahydrofuran µg/L |
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Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | 1,2-Dibromoethane (EDB) | Dibromochloromethane | 1,2-Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ethe (TAME) | Methyl tert-butyl Ether (MTBE) | Methyl Isobutyl Ketone | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
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Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane (EDB) | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ethe (TAME) | tert-Butyl Methyl Ethe (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
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Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone µg/L | Benzene µg/L | Bromobenzene µg/L | Bromochloromethane µg/L | Bromodichloromethane µg/L | Bromoform µg/L | Bromomethane µg/L | 2-Butanone (MEK) µg/L | n-Butylbenzene µg/L | sec-Butylbenzene µg/L | tert-Butylbenzene µg/L | Carbon Disulfide µg/L | Carbon Tetrachloride µg/L | Chlorobenzene µg/L | Chloroethane µg/L | Chloroform µg/L | Chloromethane µg/L | 2-Chlorotoluene µg/L | 4-Chlorotoluene µg/L | 1,2-Dibromo-3-chloropropane µg/L | 1,2-Dibromoethane (EDB) µg/L | Dibromochloromethane µg/L | 1,2-Dibromomethane µg/L | Dibromomethane µg/L | 1,2-Dichlorobenzene µg/L | 1,3-Dichlorobenzene µg/L | 1,4-Dichlorobenzene µg/L | Dichlorodifluoromethane µg/L | 1,1-Dichloroethane µg/L | 1,2-Dichloroethane µg/L | 1,1-Dichloroethene µg/L | cis-1,2-Dichloroethene µg/L | trans-1,2-Dichloroethene µg/L | 1,2-Dichloropropane µg/L | 1,3-Dichloropropane µg/L | 2,2-Dichloropropane µg/L | cis-1,3-Dichloropropene µg/L | trans-1,3-Dichloropropene µg/L | 1,1-Dichloropropene µg/L | Ethylbenzene µg/L | Hexachlorobutadiene µg/L | 2-Hexanone µg/L | Isopropylbenzene µg/L | p-Isopropyltoluene µg/L | 4-Methyl-2-pentanone (MIBK) µg/L | Methylene Chloride µg/L | Naphthalene µg/L | n-Propylbenzene µg/L | Styrene µg/L | 1,1,1,2-Tetrachloroethane µg/L | 1,1,2,2-Tetrachloroethane µg/L | Tetrachloroethene µg/L | Toluene µg/L | 1,2,3-Trichlorobenzene µg/L | 1,2,4-Trichlorobenzene µg/L | 1,1,1-Trichloroethane µg/L | 1,1,2-Trichloroethane µg/L | Trichloroethene µg/L | Trichlorofluoromethane µg/L | 1,2,3-Trichloropropane µg/L | 1,2,4-Trimethylbenzene µg/L | 1,3,5-Trimethylbenzene µg/L | Vinyl Acetate µg/L | Vinyl Chloride µg/L | m,p-Xylenes µg/L | o-Xylene µg/L | Di-isopropyl Ether (DIPE) µg/L | Ethyl tert-Butyl Ether (ETBE) µg/L | tert-Amyl Methyl Ether (TAME) µg/L | Methyl-tert-butyl Ether (MTBE) µg/L | tert-Butanol (TBA) µg/L | 1,4-Dioxane µg/L | 1,2,3-Trichloro-1,2,2-trifluoroethane µg/L | Methyl Isobutyl Ketone µg/L | Tetrahydrofuran µg/L |
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Table 3

Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane (EDB) | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | Di-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | Methyl-tert-butyl Ether (MTBE) | tert-Butanol (TBA) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
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Table 3
Cumulative Summary of VOC Analytical Results in Groundwater[a]

Former Conexant Systems Facility, Newport Beach, California

| Well Identifier | Date Collected | Acetone | Benzene | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | 2-Butanone (MEK) | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane (EDB) | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | cis-1,3-Dichloropropene | trans-1,3-Dichloropropene | 1,1-Dichloropropene | Ethylbenzene | Hexachlorobutadiene | 2-Hexanone | Isopropylbenzene | p-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Methylene Chloride | Naphthalene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | Toluene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl Acetate | Vinyl Chloride | m,p-Xylenes | o-Xylene | DI-isopropyl Ether (DIPE) | Ethyl tert-Butyl Ether (ETBE) | tert-Amyl Methyl Ether (TAME) | Methyl tert-butyl Ether (MTBE) | 1,4-Dioxane | 1,1,2-Trichloro-1,2,2-trifluoroethane | Methyl Isobutyl Ketone | Tetrahydrofuran |
|---|---|---

Table 4

Dissolved Gases Groundwater Analytical Results[a]

Former Conexant Systems, Newport Beach, California

Well ID	Date Collected	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)
SHALLOW ZONE WELLS				
M-23	**DESTROYED MAY 2015**			
M-23R	07/20/18	<0.0330	<0.0510	0.932J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	uts	uts	uts
M-24	02/27/16	<2	<2.8	**35**
	08/05/17	dry	dry	dry
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	<0.0510	0.316J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	<0.051	0.028J
M-25	02/29/16	<2	<2.8	<0.99
	08/04/17	<0.0800	<0.100	0.468J
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	<0.0330	<0.0510	0.513J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	0.12J
M-29	02/26/16	<2	<2.8	**2.8**
	08/05/17	<0.0800	<0.100	**3.66**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/19/18	0.0410J	<0.0510	**1.20**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	<0.051	**10**
M-30	02/26/16	<2	<2.8	**1.8**
	08/05/17	<0.0800	<0.100	**1.52**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/19/18	<0.0330	<0.0510	0.464J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	<0.051	0.54J

Table 4

Dissolved Gases Groundwater Analytical Results[a]

Former Conexant Systems, Newport Beach, California

Well ID	Date Collected	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)
M-33	02/27/16	<2	<2.8	**14**
	08/03/17	<0.0800	0.272J	**5.14**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	<0.0330	0.133J	**3.01**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	0.17J
M-36	02/26/16	<2	<2.8	**11**
	08/05/17	<0.0800	<0.100	**311**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	<0.0510	**42**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/20/19	<0.033	<0.051	**11**
M-37	02/26/16	<2	<2.8	<0.99
	08/04/17	<0.0800	<0.100	0.156J
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/19/18	<0.0330	<0.0510	0.208J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	**1.2**
M-38	02/27/16	<2	<2.8	<0.99
	08/04/17	<0.0800	<0.100	**5.08**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	<0.0330	<0.0510	**4.17**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	0.18J
M-39	02/26/16	<2	<2.8	**15**
	08/04/17	<0.0800	<0.100	**2.93**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	<0.0510	**3.82**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	**1.8**

Table 4

Dissolved Gases Groundwater Analytical Results[a]

Former Conexant Systems, Newport Beach, California

Well ID	Date Collected	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)
M-40	02/26/16	<2	<2.8	**2.1**
	08/05/17	<0.0800	<0.100	**2.10**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	<0.0510	**1.62**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	0.58J
M-45	02/26/16	<2	<2.8	<0.99
	08/04/17	<0.0800	<0.100	<0.0400
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	<0.0510	0.0320J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	0.027J
M-48	**DESTROYED SEPTEMBER 2014**			
M-48R	07/20/18	<0.0330	<0.0510	**10.5**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	0.060J	**12**
KSKO-1	03/02/16	<2	<2.8	**4.5**
	08/04/17	<0.0800	<0.100	0.528J
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	<0.0510	**1.22**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	**1.7**
KSKO-2	03/02/16	<2	<2.8	**110**
	08/05/17	<0.0800	<0.100	**33.7**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	<0.0510	**13.8**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	**15**

Table 4

Dissolved Gases Groundwater Analytical Results[a]

Former Conexant Systems, Newport Beach, California

Well ID	Date Collected	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)
ES-1	02/26/16	<2	<2.8	**1.6**
	08/03/17	<0.0800	<0.100	**2.48**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	<0.0330	<0.0510	0.801J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	<0.051	0.39J
ES-2[c]	02/29/16	<0.50	<0.053	**55**
	08/03/17	<0.0800	<0.100	**1.59**
	01/15/18	<0.0800	<0.100	0.0970J
	04/16/18	<0.0800	<0.100	0.204J
	07/19/18	<0.0330	<0.0510	0.190J
	10/15/18	<0.0330	<0.0510	0.348J
	01/14/19	<0.0330	0.0630J	0.517J
	04/15/19	<0.0330	0.0950J	0.614J
	07/18/19	<0.033	0.13J	0.83J
ES-3A[c]	02/27/16	<0.50	<0.053	**16**
	08/03/17	<0.0800	<0.100	**6.85**
	01/15/18	<0.0800	<0.100	**10.2**
	04/16/18	<0.0800	<0.100	**5.87**
	07/19/18	<0.0330	<0.0510	**8.06**
	10/15/18	<0.0330	<0.0510	**9.54**
	01/14/19	<0.0330	<0.0510	**15.1**
	04/15/19	<0.0330	<0.0510	**7.81**
	07/18/19	<0.033	<0.051	**4.8**
ES-4B	02/27/16	<2	<2.8	**6.5**
	08/03/17	<0.0800	**3.65**	**134**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	<0.0330	**2.92**	**118**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	0.15J	**50**
ES-5A	02/27/16	**1.7J**	<2.8	**65**
	08/03/17	0.563J	<0.100	**22.1**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	0.574J	0.0630J	**38.2**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	0.041J	<0.051	**2.0**

Table 4

Dissolved Gases Groundwater Analytical Results[a]

Former Conexant Systems, Newport Beach, California

Well ID	Date Collected	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)
ES-6	03/29/16	uts	uts	uts
	08/01/17	uts	uts	uts
	01/15/18	uts	uts	uts
	04/16/18	uts	uts	uts
	07/20/18	0.0550J	<0.0510	**7.22**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	<0.051	**1.7**
SZT-1[c]	02/27/16	<0.50	**320**	**950**
	08/03/17	0.0980J	**37.1**	**154**
	01/16/18	0.568J	**146**	**6,800**
	04/17/18	0.350J	**118**	**6,190**
	07/21/18	0.797J	**142**	**6,840**
	10/16/18	**1.12**	**139**	**6,390**
	01/15/19	0.213J	**12.5**	**4,770**
	04/16/19	0.569J	**93.3**	**4,230**
	07/19/19	0.33J	**52**	**3,000**
SZO-1[c]	02/27/16	<1.5	**1,600**	**4,000**
	08/03/17	0.499J	**1,410**	**6,380**
	01/16/18	0.242J	**14.6**	**6,440**
	04/17/18	0.0900J	**8.55**	**3,250**
	07/21/18	0.259J	**5.83**	**3,150**
	10/16/18	<0.0330	**3.06**	**2,090**
	01/15/19	0.0890J	**5.30**	**4,570**
	04/16/19	0.154J	**4.51**	**3,340**
	07/19/19	0.036J	**2.50**	**2,500**
SZO-2[c]	02/29/16	<1.0	**880**	**4,900**
	08/03/17	<0.0800	**1,430**	**3,240**
	01/16/18	0.307J	**22.8**	**4,130**
	04/17/18	0.488J	**8.99**	**2,160**
	07/21/18	0.206J	**10.50**	**4,370**
	10/16/18	0.221J	**32.4**	**4,150**
	01/15/19	0.230J	**49.4**	**3,700**
	04/16/19	0.639J	**41.8**	**3,900**
	07/19/19	0.35J	**7.7**	**2,200**
EISB-S1[b]	08/15/17	0.137J	**30.6**	**288**

Table 4

Dissolved Gases Groundwater Analytical Results[a]

Former Conexant Systems, Newport Beach, California

Well ID	Date Collected	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)
INTERMEDIATE ZONE WELLS				
I-1[c]	03/18/16	<0.50	<0.053	**7.4**
	08/04/17	0.145J	0.380J	**8.59**
	01/15/18	<0.0800	0.160J	**1.86**
	04/16/18	<0.0800	0.123J	**3.06**
	07/19/18	<0.0330	0.152J	**59**
	10/16/18	<0.0330	0.0510J	0.693J
	01/15/19	<0.0330	0.121J	**1.83**
	04/15/19	<0.0330	0.180J	**7.79**
	07/19/19	<0.033	0.068J	0.88J
I-2	**DESTROYED SEPTEMBER 2014**			
I-2R	07/19/18	ns	ns	ns
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	uts	uts	uts
I-3	02/27/16	<2	<2.8	**42**
	08/04/17	0.0840J	<0.100	**50.9**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/19/18	<0.0330	<0.0510	**46.9**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	<0.051	**16**
I-4	**DESTROYED SEPTEMBER 2014**			
I-4R	07/19/18	ns	ns	ns
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	0.22J	**3.0**
I-6	02/26/16	<2	1.5J	**29**
	08/05/17	<0.0800	**1.63**	**16.4**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	**2.15**	**14.5**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	0.51J	**6.2**

Table 4

Dissolved Gases Groundwater Analytical Results[a]

Former Conexant Systems, Newport Beach, California

Well ID	Date Collected	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)
I-7	02/26/16	<2	2.3J	**12**
	08/05/17	0.0990J	**6.27**	**10.1**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	<0.0510	0.0240J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/20/19	0.055J	**6.4**	**6.4**
I-8	02/27/16	<2	<2.8	**11**
	08/05/17	<0.0800	<0.100	**5.24**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	<0.0330	0.0880J	**4.32**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	**2.6**
I-9	02/26/16	<2	<2.8	**3.3**
	08/05/17	<0.0800	<0.100	0.195J
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	<0.0510	0.0710J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	0.058J
I-10	02/26/16	<2	<2.8	**1.5**
	08/03/17	<0.0800	<0.100	0.523J
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/19/18	<0.0330	<0.0510	**76.1**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	**11**
I-11	02/27/16	<2	<2.8	**180**
	08/02/17	<0.0800	0.588J	**35.9**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	<0.0330	**1.14**	**16.3**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	0.26J	**2.1**

Table 4

Dissolved Gases Groundwater Analytical Results[a]

Former Conexant Systems, Newport Beach, California

Well ID	Date Collected	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)
I-13	02/27/16	<2	<2.8	**16**
	08/04/17	0.111J	0.460J	**90.5**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	0.0440J	0.533J	**36.2**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	uts	uts	uts
I-15	02/26/16	<2	<2.8	**14**
	08/01/17	<0.0800	<0.100	0.0710J
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/19/18	<0.0330	<0.0510	0.280J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	<0.051	0.057J
I-16	02/26/16	<2.0	2.5J	**15**
	08/04/17	<0.0800	0.157J	**1.18**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/19/18	0.0350J	**1.93**	**5.10**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	**1.1**	**3.4**
I-17	02/27/16	<2	<2.8	**2.2**
	08/02/17	<0.0800	<0.100	<0.0400
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/19/18	<0.0330	<0.0510	**3.93**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/18/19	<0.033	<0.051	0.50J
I-18[c]	02/27/16	<0.50	**5.5**	**43**
	08/01/17	0.0880J	**4.83**	**24.5**
	01/15/18	0.0980J	**6.81**	**37.7**
	04/16/18	<0.0800	**11.1**	**84.8**
	07/19/18	0.0660J	**3.37**	**435**
	10/15/18	<0.0330	**4.23**	**351**
	01/14/19	0.137J	**26.0**	**567**
	04/15/19	0.0970J	**15.7**	**267**
	07/18/19	0.041J	**5.0**	**90**

Table 4

Dissolved Gases Groundwater Analytical Results[a]

Former Conexant Systems, Newport Beach, California

Well ID	Date Collected	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)
I-19[c]	02/29/16	<0.50	<0.53	<0.25
	08/02/17	<0.0800	<0.100	0.781J
	01/15/18	<0.0800	<0.100	**5.55**
	04/16/18	<0.0800	<0.100	**4.56**
	07/19/18	<0.0330	<0.0510	**3.69**
	10/15/18	<0.0330	<0.0510	0.252J
	01/14/19	<0.0330	<0.0510	**2.96**
	04/15/19	<0.0330	<0.0510	**2.58**
	07/18/19	<0.033	<0.051	**2.0**
I-20	02/27/16	<2	<2.8	**6.7**
	08/01/17	<0.0800	<0.100	**5.63**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	<0.0330	<0.0510	**8.45**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	0.11J	<0.051	0.99J
I-21	02/29/16	<2	<2.8	**32**
	08/02/17	**0.980J**	0.529J	**8.82**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	<0.0330	0.142J	**29**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/20/19	<0.033	0.25J	**45**
IT-5	02/26/16	<2	<2.8	**7.7**
	08/03/17	<0.0800	0.411J	**11.8**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/21/18	<0.0330	<0.0510	0.0830J
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	0.34J
EI-1	02/26/16	<2.0	<2.8	**36**
	08/05/17	<0.0800	<0.100	**8.33**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	0.682J	**3.61**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	0.68J

Table 4

Dissolved Gases Groundwater Analytical Results[a]

Former Conexant Systems, Newport Beach, California

Well ID	Date Collected	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)
EI-2	02/26/16	<2.0	<2.8	**18**
	08/05/17	<0.0800	0.969J	**21**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	0.240J	**2.70**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	0.43J	**7.6**
EI-3	02/27/16	<2	<2.8	**4.9**
	08/05/17	<0.0800	0.697J	**6.22**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	0.951J	**7.90**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	0.18J	**4.4**
EI-4A	02/26/16	<2.0	<2.8	**2.1**
	08/05/17	<0.0800	<0.100	**3.23**
	01/15/18	ns	ns	ns
	04/16/18	ns	ns	ns
	07/20/18	<0.0330	0.145J	**9.80**
	10/15/18	ns	ns	ns
	01/14/19	ns	ns	ns
	04/15/19	ns	ns	ns
	07/19/19	<0.033	<0.051	**0.44J**
EISB-I1[b]	08/04/17	<0.0800	**2.94**	**17**
EISB-I2[b]	08/05/17	<0.0800	0.206J	**2.16**
EISB-I3[b]	07/31/17	<0.0800	0.922J	**6.21**
EISB-I4[b]	08/02/17	0.127J	**3.16**	**15**

notes:
a =dissolved gases: ethane, ethene and methane analyzed by Method RSK175M
b = Enhanced In-Situ Bioremediation (EISB) injection wells sampled once prior to initial injection in August 2017
c = Santa Ana Regional Water Quality Control Board (SARWQCB) General Waste Discharge Requirements (WDR) Monitoring and Reporting Program (MRP) wells
< = not detected above the indicated Method Detection Limit (MDL).
J = Estimated value. Analyte detected at a level less that the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).
uts = unable to sample
ns = not sampled

Table 5a

Intermediate Groundwater Zone (IGZ) and Emulsified Vegetable Oil (EVO) Volume Summary - August 2017 Event

Former Conexant Systems, Newport Beach, California

Well ID	Well Diameter (in)	Screen Depth (ft bgs)	Date	Injection Rate (average gpm)	Volume of EVO Solution Injected (gallons)	Dose Rate (avg.)	Comments
EISB-I1	4	86-96	08/08/17	3.44	458.0	3.3%	
			08/09/17	3.47	1,166.1	4.4%	
			08/10/17	2.98	1,336.9	5.3%	
			08/14/17	2.97	1,470.7	5.6%	Inject 10L of KB-1
			08/15/17	2.88	1,721.2	5.6%	
			08/16/17	2.29	1,441.0	5.3%	
			08/17/17	2.13	773.3	5.6%	
Total Volume Injected at EISB-I1					**8,367.2**		
EISB-I2	4	86-96	08/08/17	3.51	457.0	3.3%	
			08/09/17	3.50	1,167.7	4.4%	
			08/10/17	3.28	1,336.9	5.3%	
			08/14/17	3.02	1,487.8	5.6%	Inject 10L of KB-1
			08/15/17	2.78	1,681.9	5.6%	
			08/16/17	2.37	1,462.1	5.3%	
			08/17/17	2.17	798.3	5.6%	
Total Volume Injected at EISB-I2					**8,391.7**		
EISB-I3	4	86-96	08/08/17	3.47	475.9	3.3%	
			08/09/17	3.28	1,146.8	4.4%	
			08/10/17	3.48	1,345.9	5.3%	
			08/14/17	3.06	1,482.3	5.6%	Inject 10L of KB-1
			08/15/17	2.85	1,726.7	5.6%	
			08/16/17	2.12	1,446.1	5.3%	
			08/17/17	2.15	792.6	5.6%	
Total Volume Injected at EISB-I3					**8,416.3**		
EISB-I4	4	86-96	08/08/17	3.60	475.2	3.3%	
			08/09/17	3.36	1,153.1	4.4%	
			08/10/17	2.89	1,332.8	5.3%	
			08/14/17	3.17	1,501.3	5.6%	Inject 10L of KB-1
			08/15/17	3.00	1,703.1	5.6%	
			08/16/17	2.30	1,440.5	5.3%	
			08/17/17	2.30	768.6	5.6%	
Total Volume Injected at EISB-I4					**8,374.6**		

Table 5b

Shallow Groundwater Zone (SGZ) and Emulsified Vegetable Oil (EVO) Volume Summary - August-October 2017 Event

Former Conexant Systems, Newport Beach, California

Well ID	Well Diameter (in)	Screen Depth (ft bgs)	Date	Injection Rate (average gpm)	Volume of EVO Solution Injected (gallons)	Dose Rate (avg.)	Comments
EISB-S1	4	32-47	08/22/17	4.22	1,066.3	5.7%	
			08/24/17	3.62	1,686.1	3.4%	
			08/25/17	3.29	1,623.3	2.8%	
			08/28/17	2.65	1,444.7	3.1%	
			08/29/17	3.37	1,844.7	2.7%	
			08/30/17	3.38	1,482.1	3.1%	Inject 5L of KB-1
			08/31/17	3.14	1,726.6	2.6%	
			09/01/17	2.57	681.0	2.7%	
			09/05/17	2.60	1,418.0	2.9%	
			09/06/17	2.62	1,196.3	3.0%	
			09/07/17	2.45	1,340.0	3.0%	
			09/08/17	2.02	580.0	3.1%	
			09/11/17	2.13	953.3	3.7%	
			09/12/17	1.85	941.4	3.3%	
			09/14/17	2.39	884.4	3.8%	
			09/15/17	2.08	947.6	3.6%	
			09/18/17	2.25	1,081.6	3.8%	
			09/19/17	2.29	1,323.0	3.4%	
			09/20/17	2.10	1,163.0	3.2%	
			09/21/17	2.45	1,183.9	3.0%	
			09/22/17	2.34	626.1	2.9%	
			09/25/17	2.39	1,003.3	2.9%	
			09/26/17	2.08	1,044.2	2.9%	
			09/27/17	1.98	805.6	3.4%	
			09/28/17	1.84	1,283.4	2.9%	
			09/29/17	1.76	348.6	2.7%	
			10/02/17	2.61	922.8	1.6%	
			10/03/17	2.48	1,363.5	0.6%	
			10/04/17	2.11	1,245.6	0.9%	
Total Volume Injected at EISB-I1					**33,210.4**		

Table 6
MRP Field Monitoring Parameters
Former Conexant Systems, Newport Beach, California

Well ID	Date	DO[a] (mg/L)	ORP[a] (millivolts)	pH[a] (pH units)	specific conductivity[a] (mS/cm)	temperature[a] (°C)	hydrogen sulfide[b] (mg/L)
ES-2	08/03/17	0.88	103	7.01	1.98	24.46	0.0
	11/10/17	3.29	-152	6.93	1.90	23.08	nm
	12/08/17	1.63	-65	6.29	1.74	23.35	nm
	01/15/18	0.62	41	6.37	2.08	22.70	0.0
	04/16/18	0.89	18	7.37	1.94	23.36	0.0
	07/19/18	0.00	43	7.62	1.89	24.17	0.0
	10/15/18	0.00	44	7.57	1.72	24.17	0.0
	01/14/19	0.00	-40	7.83	1.50	22.09	0.0
	04/15/19	0.00	-51	7.75	1.42	23.39	0.0
	07/18/19	0.00	6	7.18	1.29	24.18	0.0
ES-3A	08/03/17	0.29	-127	7.41	1.03	25.66	0.0
	11/10/17	1.15	-95	7.32	1.20	22.02	nm
	12/08/17	0.99	-32	6.74	1.17	22.22	nm
	01/15/18	0.45	-12	6.61	1.27	22.42	0.0
	04/16/18	0.09	-124	7.52	1.12	23.13	0.0
	07/18/18	0.00	-104	7.49	1.07	23.82	0.0
	10/15/18	0.00	-112	7.76	1.13	24.02	0.0
	01/14/19	0.00	-126	8.18	0.895	21.82	0.0
	04/15/19	0.00	-184	8.07	0.933	23.00	0.0
	07/18/19	0.00	-65	7.19	0.883	23.52	0.0
SZT-1	08/03/17	5.02	-214	8.84	0.95	26.47	0.0
	11/10/17	1.19	-262	6.71	1.76	23.89	nm
	12/08/17	1.93	-141	6.30	1.49	25.12	nm
	01/16/18	0.93	-205	5.10	1.45	23.69	5.0
	04/17/18	0.40	-244	6.84	1.48	23.33	5.0
	07/21/18	0.00	-299	6.92	1.22	24.99	5.0
	10/16/18	0.00	-324	7.77	1.21	23.40	5.0
	01/15/19	0.00	-87	6.79	0.934	22.76	5.0
	04/16/19	0.00	-245	7.23	0.801	23.06	5.0
	07/19/19	0.00	-261	6.71	0.818	24.98	5.0
SZO-1	8/3/2017	0.55	-290	7.19	1.26	24.63	0.0
	11/10/17	1.09	-67	5.57	2.03	24.89	nm
	12/08/17	1.04	-106	5.79	2.12	24.23	nm
	01/16/18	1.05	-184	4.93	2.51	22.54	0.0
	04/17/18	0.53	-70	5.95	4.03	23.35	0.0
	07/21/18	0.00	-118	6.32	4.32	25.94	0.0
	10/16/18	0.00	-185	6.47	4.20	23.75	0.0
	01/15/19	0.00	-114	6.32	3.46	22.53	0.0
	04/16/19	0.00	-232	6.42	4.71	23.20	0.0
	07/19/19	0.14	-262	5.82	4.43	24.42	0.0

Table 6
MRP Field Monitoring Parameters
Former Conexant Systems, Newport Beach, California

Well ID	Date	DO[a] (mg/L)	ORP[a] (millivolts)	pH[a] (pH units)	specific conductivity[a] (mS/cm)	temperature[a] (°C)	hydrogen sulfide[b] (mg/L)
SZO-2	8/3/2017	0.50	-376	6.83	2.23	25.20	5.0
	11/10/17	4.23	-83	5.45	3.73	23.55	nm
	12/08/17	0.86	-191	5.74	5.94	22.36	nm
	01/16/18	1.58	-323	5.41	6.37	23.09	5.0
	04/17/18	0.48	-299	6.14	7.90	23.72	5.0
	07/21/18	0.00	-180	6.26	5.91	25.49	5.0
	10/16/18	0.47	-341	6.86	4.90	23.93	5.0
	01/15/19	1.36	-376	7.21	3.18	22.35	5.0
	04/16/19	0.00	-401	7.03	6.19	23.78	5.0
	07/19/19	1.35	-368	6.53	7.47	24.92	5.0
I-1	08/04/17	4.96	51	5.83	4.13	24.30	0.0
	11/10/17	2.02	72	5.05	2.99	22.51	nm
	12/08/17	3.08	90	4.95	2.45	21.23	nm
	01/15/18	0.56	49	5.14	2.17	21.87	0.0
	04/16/17	0.42	-41	5.87	2.28	23.44	0.0
	07/19/18	0.00	-79	6.17	2.33	24.96	0.0
	10/16/18	0.56	69	7.15	3.51	21.32	0.0
	01/15/19	0.00	-5	7.08	2.27	22.42	0.0
	04/15/19	0.00	-22	6.56	1.65	22.91	0.0
	07/19/19	0.00	-13	6.94	1.39	24.26	0.0
I-18	08/01/17	0.00	-193	8.34	1.49	24.98	0.0
	11/10/17	1.41	-65	6.57	1.72	22.72	nm
	12/08/17	3.09	-31	6.17	1.62	23.38	nm
	01/15/18	0.52	-120	6.42	1.76	22.75	2.0
	04/16/18	0.42	-234	7.82	1.58	23.89	2.0
	07/19/18	0.00	-180	7.90	1.69	25.53	0.1
	10/15/18	0.00	-109	7.60	1.78	25.56	0.1
	01/14/19	0.00	-341	8.26	1.69	22.46	0.1
	04/15/19	0.00	-353	8.37	1.81	23.37	0.1
	07/18/19	0.00	-219	7.23	1.65	24.78	0.1
I-19	08/01/17	4.79	55	7.36	1.91	25.13	0.0
	11/10/17	1.38	-87	6.96	2.00	22.44	nm
	12/08/17	1.01	-28	6.35	1.91	22.98	nm
	01/15/18	0.45	-66	6.26	1.96	22.07	0.0
	04/16/17	0.49	-107	7.28	1.93	24.19	0.0
	07/19/18	0.00	-2	7.46	2.02	26.91	0.1
	10/15/18	2.86	88	7.68	2.03	25.12	0.3
	01/14/19	0.00	-107	7.69	1.83	19.52	0.3
	04/15/19	0.00	-151	7.61	1.91	23.67	0.3
	07/18/19	0.00	-88	7.02	1.82	26.18	0.1

notes:
MRP = Santa Ana Regional Water Quality Control Board (LARWQCB) Waste Discharge Requirements (WDR) Monitoring and Reporting Program (MRP)
a = Field monitoring parameters collected during groundwater purging prior to sample collection with a calibrated Horiba U-52 water quality meter
b = hydrogen sulfide measured with Hach Kit HS-C
DO = dissolved oxygen
ORP = oxidation reduction potential
mg/L = milligrams per liter
mS/cm = milliSiemens/centimeter
°C = degrees Celsius
nm = not measured

Table 7
MRP Metals Groundwater Analytical Results
Former Conexant Systems, Newport Beach, California

Well ID	Date	Total Iron[a] (mg/L)	Dissolved Iron[b] (mg/L)	Dissolved Manganese[b] (mg/L)
ES-2	08/03/17	**13.0**	**0.872**	**0.245**
	11/10/17	**0.736**	<0.0101	na
	12/08/17	**1.34**	<0.0101	na
	01/15/18	0.0724J	<0.0101	**0.0188**
	04/16/18	<0.0101	<0.0101	**0.0356**
	07/19/18	0.0541J	<0.0101	**0.166**
	10/15/18	0.0929J,B	0.0450J,B	**0.113**
	01/14/19	<0.123	<0.123	**0.134**
	04/15/19	<0.123	<0.123	**0.107**
	07/18/19	<0.123	<0.123	**0.169**
ES-3A	08/03/17	**20.2**	**0.764**	**0.603**
	11/10/17	**17.2**	0.0584J	na
	12/08/17	**10.0**	0.0380J	na
	01/15/18	**6.33**	**0.170**	**0.484**
	04/16/18	**13.5**	**0.988**	**0.668**
	07/19/18	**8.28**	**1.33**	**0.726**
	10/15/18	**8.70B**	**0.941B**	**0.773**
	01/14/19	**8.99**	0.352J	**0.586**
	04/15/19	**6.88**	**0.981**	**0.582**
	07/18/19	**7.19**	<0.123	**0.547**
SZO-1	08/03/17	**0.580**	**0.356**	**0.275**
	11/10/17	**85.0**	**81.3**	na
	12/08/17	**52.0**	**46.9**	na
	01/16/18	**97.7**	**103**	**5.86**
	04/17/18	**190**	**118**	**6.40**
	07/21/18	**193**	**40.8**	**6.01**
	10/16/18	**168**	**149**	**4.16**
	01/15/19	**79.3**	**77.3**	**2.09**
	04/16/19	**31.4**	**28.4**	**2.39**
	07/19/19	**75.2**	**68.4**	**3.35B**
SZO-2	08/03/17	**0.723**	**0.219**	**0.529**
	11/10/17	**22.2**	**20.7**	na
	12/08/17	**6.13**	**3.76**	na
	01/16/18	**14.5**	**15.0**	**2.16**
	04/17/18	**10.2**	**0.420**	**1.21**
	07/21/18	**17.7**	**1.13**	**2.09**
	10/16/18	**1.88**	**0.275**	**0.629**
	01/15/19	**4.41**	0.263J	**0.964**
	04/16/19	**5.34**	0.348J	**1.92**
	07/19/19	**2.23**	0.268J	**1.77B**

Table 7
MRP Metals Groundwater Analytical Results
Former Conexant Systems, Newport Beach, California

Well ID	Date	Total Iron[a] (mg/L)	Dissolved Iron[b] (mg/L)	Dissolved Manganese[b] (mg/L)
SZT-1	08/03/17	**1.26**	0.0836J	**0.0303**
	11/10/17	**0.261**	**0.109**	na
	12/08/17	**0.106**	0.0496J	na
	01/16/18	**0.155**	0.0983J	**0.110**
	04/17/18	**0.142**	0.0692J	**0.134**
	07/21/18	**0.412**	**0.135**	**0.120**
	10/16/18	**0.401**	**0.115**	**0.0943**
	01/15/19	**4.84**	**4.43**	**0.963**
	04/16/19	0.433J	0.240J	**0.120**
	07/19/19	0.271J	<0.123	**0.0845B**
ESIB-S1[c]	08/15/17	**2.58B**	0.0379B,J	<0.00270
I-1	08/04/17	**32.8**	**31.8**	**7.38**
	11/10/17	**43.6**	**39.5**	na
	12/08/17	**33.1**	**28.0**	na
	01/15/18	**30.0**	**30.3**	**1.91**
	04/16/18	**30.1**	**28.5**	**2.10**
	07/19/18	**19.6**	**19.2**	**1.92**
	10/16/18	**63.6**	**0.537**	**2.13**
	01/15/19	**7.57**	**2.19**	**1.25**
	04/15/19	**11.5**	**6.80**	**0.639**
	07/19/19	**4.23**	0.143J	**0.236B**
I-18	08/01/17	**6.94**	<0.0101	**0.0234**
	11/10/17	**1.38**	0.0246J	na
	12/08/17	**1.78**	0.0225J	na
	01/15/18	**0.742**	0.0365J	**0.0233**
	04/16/18	**1.26**	<0.0101	**0.0175**
	07/19/18	**1.70**	**0.156**	**0.117**
	10/15/18	**1.08B**	**0.182B**	**0.0797**
	01/14/19	0.212J	<0.123	0.0312J
	04/15/19	**0.911**	<0.123	0.0206J
	07/18/19	<0.123	<0.123	0.0255J
I-19	08/02/17	**23.0**	0.0381J	**0.432**
	11/10/17	**2.34**	**0.515**	na
	12/08/17	**1.18**	<0.0101	na
	01/15/18	**1.26**	**0.968**	**0.265**
	04/16/18	**0.813**	**0.643**	**0.239**
	07/19/18	**3.59**	0.0329J	**0.265**
	10/15/18	**14.4B**	0.0890J,B	**0.227**
	01/14/19	**6.64**	**0.587**	**0.271**
	04/15/19	**1.53**	**0.603**	**0.241**
	07/18/19	0.435J	0.160J	**0.220**

Table 7
MRP Metals Groundwater Analytical Results
Former Conexant Systems, Newport Beach, California

Well ID	Date	Total Iron[a] (mg/L)	Dissolved Iron[b] (mg/L)	Dissolved Manganese[b] (mg/L)
EISB-I1[c]	08/04/17	**0.493**	0.0710J	**0.0165**
EISB-I2[c]	08/04/17	na	na	na
ESIB-I3[c]	07/31/17	**0.607**	<0.0101	**0.0131**
EISB-I4[c]	08/02/17	**1.15**	0.0476J	**0.0126**

notes:
MRP = Santa Ana Regional Water Quality Control Board (SARWQCB) General Waste Discharge Requirements (WDR) Monitoring and Reporting Program (MRP)
a = total iron analyzed by EPA Method 3010A
b = dissolved iron and manganese field or laboratory filtered and analyzed by EPA Method 3005A
c = Enhanced In-Situ Bioremediation (EISB) injection wells sampled once prior to initial injection in August 2017
mg/L = milligrams per liter
J = Analyte was detected at a concentration below the RL and above the MDL. Reported value is estimated
B = Analyte was found in associated blank indicating possible/probable blank contamination
na = not analyzed for constituent
<0.37 = not detected above MDL

Table 8
MRP Non-Metals Groundwater Analytical Results
Former Conexant Systems, Newport Beach, California

Well ID	Date	Alkalinity[a] as $CaCO_3$ (mg/L)	Chloride[b] (mg/L)	Sulfate[b] (mg/L)	Nitrate[b] as N (mg/L)	TOC[c] (mg/L)	TDS[d] (mg/L)	Acetic Acid[e] (mg/L)	Butyric Acid[e] (mg/L)	Lactic Acid[e] (mg/L)	Propionic Acid[e] (mg/L)	Pyruvic Acid[e] (mg/L)
ES-2	08/03/17	**372**	**230**	**300**	**0.14**	**2.0**	**1,200**	na	na	na	na	na
	01/15/18	**392**	**230**	**300**	**0.20**	**2.1**	**1,020**	na	na	na	na	na
	04/16/18	**371**	**230**	**300**	**0.18**	**2.0**	**1,020**	na	na	na	na	na
	07/19/18	**340**	**190**	**250**	**0.11**	**1.7**	**1,040**	na	na	na	na	na
	10/15/18	**320**	**160**	**200**	**0.11**	**2.0**	**985**	na	na	na	na	na
	01/14/19	**350**	**160**	**190**	**0.11**	**1.7**	**930**	na	na	na	na	na
	04/15/19	**350**	**150**	**170**	**0.32**	**1.7**	**830**	na	na	na	na	na
	07/18/19	**329**	**130**	**150**	**0.21**	**1.73**	**855**	na	na	na	na	na
ES-3A	08/03/17	**256**	**99**	**150**	<0.053	**2.9**	**585**	na	na	na	na	na
	01/15/18	**292**	**88**	**170**	<0.053	**2.2**	**670**	na	na	na	na	na
	04/16/18	**281**	**98**	**180**	<0.053	**2.1**	**730**	na	na	na	na	na
	07/19/18	**230**	<0.47	**150**	<0.045	**2.0**	**615**	na	na	na	na	na
	10/15/18	**240**	**96**	**150**	<0.045	**2.5**	**650**	na	na	na	na	na
	01/14/19	**250**	**71**	**120**	<0.045	**1.9**	**585**	na	na	na	na	na
	04/15/19	**270**	**72**	**120**	<0.045	**2.3**	**560**	na	na	na	na	na
	07/18/19	**262**	**75**	**130**	<0.045	**2.27**	**615**	na	na	na	na	na
SZO-1	08/03/17	**460**	**120**	**2.4**	<0.053	**18**	**675**	**30**	**130**	**62**	<0.83	<0.064
	01/16/18	**1,220**	**88**	0.56J	<0.053	**1,100**	**2,580**	**590**	**100**	<0.89	**880**	<0.064
	04/17/18	**1,600**	**80**	0.73J	<0.053	**1,900**	**1,970**	**1,200**	**310**	<0.89	**740**	<0.064
	07/21/18	**1,800**	**65**	<0.98	<0.089	**2,100**	**2,550**	**1,600**	**410**	<0.89	**660**	<0.064
	10/16/18	**1,300**	**180**	<0.49	<0.045	**2,000**	**3,020**	**1,200**	**410**	<0.89	**600**	<0.064
	01/15/19	**780**	**530**	**3.2**	<0.089	**760**	**2,660**	**590**	3.2J	<0.89	**190**	<0.064
	04/16/19	**970**	**870**	<0.98	<0.089	**590B**	**2,600**	**750**	**320**	**19**	**67**	<0.064
	07/19/19	**1,020**	**710**	1.9J	<0.089	**640**	**1,900H**	**1,000**	**1,600**	<0.89	**99**	<0.064
SZO-2	08/03/17	**558**	**340**	**6.2**	<0.053	**95**	**1,220**	**69**	**190**	**95**	**1.5**	<0.064
	01/16/18	**680**	**1,600**	**510**	<0.11	**420**	**4,100**	**230**	**85**	<0.89	**140**	<0.064
	04/17/18	**1,040**	**1,600**	**160**	<0.11	**390**	**3,620**	**290**	**57**	<0.89	**100**	0.35J
	07/21/18	**970**	**1,100**	<2.4	<0.22	**620**	**3,380**	**1,100**	**46**	<0.89	**150**	<0.064
	10/16/18	**470**	**840**	**230**	<0.089	**170**	**2,020**	**210**	**28**	<0.89	**29**	0.070J
	01/15/19	**560**	**450**	**260**	<0.089	**66**	**1,690**	**32**	<1.2	<0.89	**5.5**	<0.064
	04/16/19	**1,000**	**990**	**720**	<0.45	**90B**	**3,420**	**80**	**70**	**17**	**15**	<0.064
	07/19/19	**1,320**	**1,300**	**750**	<0.089	**123**	**4,050H**	<2.4	<2.4	<1.8	<1.7	<0.13

Table 8
MRP Non-Metals Groundwater Analytical Results
Former Conexant Systems, Newport Beach, California

Well ID	Date	Alkalinity[a] as $CaCO_3$ (mg/L)	Chloride[b] (mg/L)	Sulfate[b] (mg/L)	Nitrate[b] as N (mg/L)	TOC[c] (mg/L)	TDS[d] (mg/L)	Acetic Acid[e] (mg/L)	Butyric Acid[e] (mg/L)	Lactic Acid[e] (mg/L)	Propionic Acid[e] (mg/L)	Pyruvic Acid[e] (mg/L)
SZT-1	08/03/17	**302**	**36**	**95**	**0.24**	**2.2**	**535**	**1.3**	<1.2	<0.89	<0.83	<0.064
	01/16/18	**668**	**60**	**4.0**	<0.053	**360**	**1,530**	**410**	**29**	<0.89	**45**	<0.064
	04/17/18	**589**	**53**	**2.4**	<0.053	**190**	**825**	**220**	**7.3**	<0.89	**34**	<0.064
	07/21/18	**570**	**40**	**10**	<0.089	**51**	**768**	**100**	<1.2	<0.89	<0.83	<0.064
	10/16/18	**470**	**38**	**6.9**	<0.089	**9.9**	**710**	**7.8**	<1.2	<0.89	<0.83	<0.064
	01/15/19	**370**	**46**	**87**	**2.0**	**8.3**	**615**	<1.2	<1.2	2.9J	0.94J	<0.064
	04/16/19	**390**	**30**	<4.9	<0.45	**5.6B**	**480**	2.0J	3.2J	<0.89	<0.83	<0.064
	07/19/19	**427**	**35**	1.5J	<0.089	**6.12B**	**580**	<6.1	<6.1	<0.89	**7.6**	<0.064
EISB-S1[f]	08/15/17	**388**	**53**	**98**	<0.053	**1.5**	**680**	**5.3**	**27**	<0.89	<0.83	<0.064
I-1	08/04/17	**4.0**	**110**	**2,500**	**0.55**	**2.4**	**3,700**	na	na	na	na	na
	01/15/18	**37.0**	**110**	**960**	<0.053	**1.1**	**1,420**	na	na	na	na	na
	04/16/18	**39.0**	**110**	**1,100**	<0.053	**1.5**	**1,270**	na	na	na	na	na
	07/19/18	**62**	**100**	**890**	<0.045	**1.0**	**1,290**	na	na	na	na	na
	10/16/18	**99**	**96**	**1,600**	<0.045	**1.7**	**2,540**	na	na	na	na	na
	01/15/19	**62**	**100**	**1,000**	<0.045	**1.3**	**1,790**	na	na	na	na	na
	04/15/19	**90**	**120**	**470**	<0.045	**1.6**	**970**	na	na	na	na	na
	07/19/19	**147**	**140**	**370**	<0.045	**1.54**	**500H**	na	na	na	na	na
I-18	08/01/17	**130**	**140**	**380**	<0.053	**3.1**	**955**	<1.2	3.9J	<0.89	<0.83	<0.064
	01/15/18	**161**	**150**	**400**	<0.053	**2.6**	**960**	1.6J	<1.2	<0.89	<0.83	<0.064
	04/16/18	**151**	**150**	**380**	<0.053	**1.4**	**875**	<1.2	<1.2	<0.89	<0.83	<0.064
	07/19/18	**130**	**130**	**410**	<0.045	**1.2**	**925**	<1.2	<1.2	<0.89	<0.83	<0.064
	10/15/18	**140**	**140**	**390**	<0.045	**2.0**	**1,040**	<1.2	<1.2	<0.89	<0.83	<0.064
	01/14/19	**190**	**150**	**370**	<0.045	**7.0**	**1,030**	**12**	<1.2	<0.89	<0.83	<0.064
	04/15/19	**180**	**150**	**420**	<0.045	**9.4**	**1,030**	<1.2	3.2J	<0.89	<0.83	<0.064
	07/18/19	**142**	**140**	**420**	<0.045	**1.69**	**1,120**	<1.2	<1.2	<0.89	<0.83	<0.064
I-19	08/02/17	**529**	**150**	**310**	**0.17**	**3.5**	**1,230**	na	na	na	na	na
	01/15/18	**568**	**140**	**320**	<0.053	**2.4**	**1,120**	na	na	na	na	na
	04/16/18	**531**	**140**	**310**	<0.053	**2.2**	**1,040**	na	na	na	na	na
	07/19/18	**500**	<0.47	**270**	<0.045	**2.2**	**1,140**	na	na	na	na	na
	10/15/18	**480**	**120**	**280**	**0.54**	**3.4**	**1,240**	na	na	na	na	na
	01/14/19	**540**	**130**	**300**	<0.045	**2.5**	**1,160**	na	na	na	na	na
	04/15/19	**580**	**120**	**270**	<0.045	**2.7**	**1,090**	na	na	na	na	na
	07/18/19	**547**	**120**	**260**	<0.045	**3.05**	**1,180**	na	na	na	na	na

Table 8
MRP Non-Metals Groundwater Analytical Results
Former Conexant Systems, Newport Beach, California

Well ID	Date	Alkalinity[a] as $CaCO_3$ (mg/L)	Chloride[b] (mg/L)	Sulfate[b] (mg/L)	Nitrate[b] as N (mg/L)	TOC[c] (mg/L)	TDS[d] (mg/L)	Acetic Acid[e] (mg/L)	Butyric Acid[e] (mg/L)	Lactic Acid[e] (mg/L)	Propionic Acid[e] (mg/L)	Pyruvic Acid[e] (mg/L)
EISB-I1[f]	08/04/17	**154**	**120**	**290**	<0.053	**1.9**	**735**	na	na	na	na	na
EISB-I2[f]	08/04/17	na	na	na	na	na	na	na	na	na	na	na
EISB-I3[f]	07/31/17	**124**	**120**	**320**	<0.053	**1.7**	**790**	<1.2	<1.2	<0.89	<0.83	<0.064
EISB-I4[f]	08/02/17	**101**	**170**	**360**	<0.053	**2.6**	**885**	na	na	na	na	na

notes:
MRP = Santa Ana Regional Water Quality Control Board (SARWQCB) General Waste Discharge Requirements (WDR) Monitoring and Reporting Program (MRP)
a = alkalinity analyzed by SM 2320B as $CaCO_3$
b = chloride, sulfate, nitrate and nitrite analyzed by EPA 300.0
c = total organic carbon (TOC) analyzed by SM 5310 D
d = total dissolved solids (TDS) analyzed by SM 2540 C
e = volatile fatty acids: acetic acid, butyric acid, lactic acid, propionic acid, and pyruvic acid analyzed by HPLC/UV
f = Enhanced In-Situ Bioremediation (EISB) injection wells sampled once prior to initial injection in August 2017
J = Analyte was detected at a concentration below the RL and above the MDL. Reported value is estimated
B = Analyte was found in associated blank indicating possible/probable blank contamination
H = Sample was prepped or analyzed beyond the specified holding time
mg/L = milligrams per liter
na = not analyzed for constituent
<0.37 = not detected above MDL

Table 9

MRP Dhc[a] Analytical Results

Former Conexant Systems, Newport Beach, California

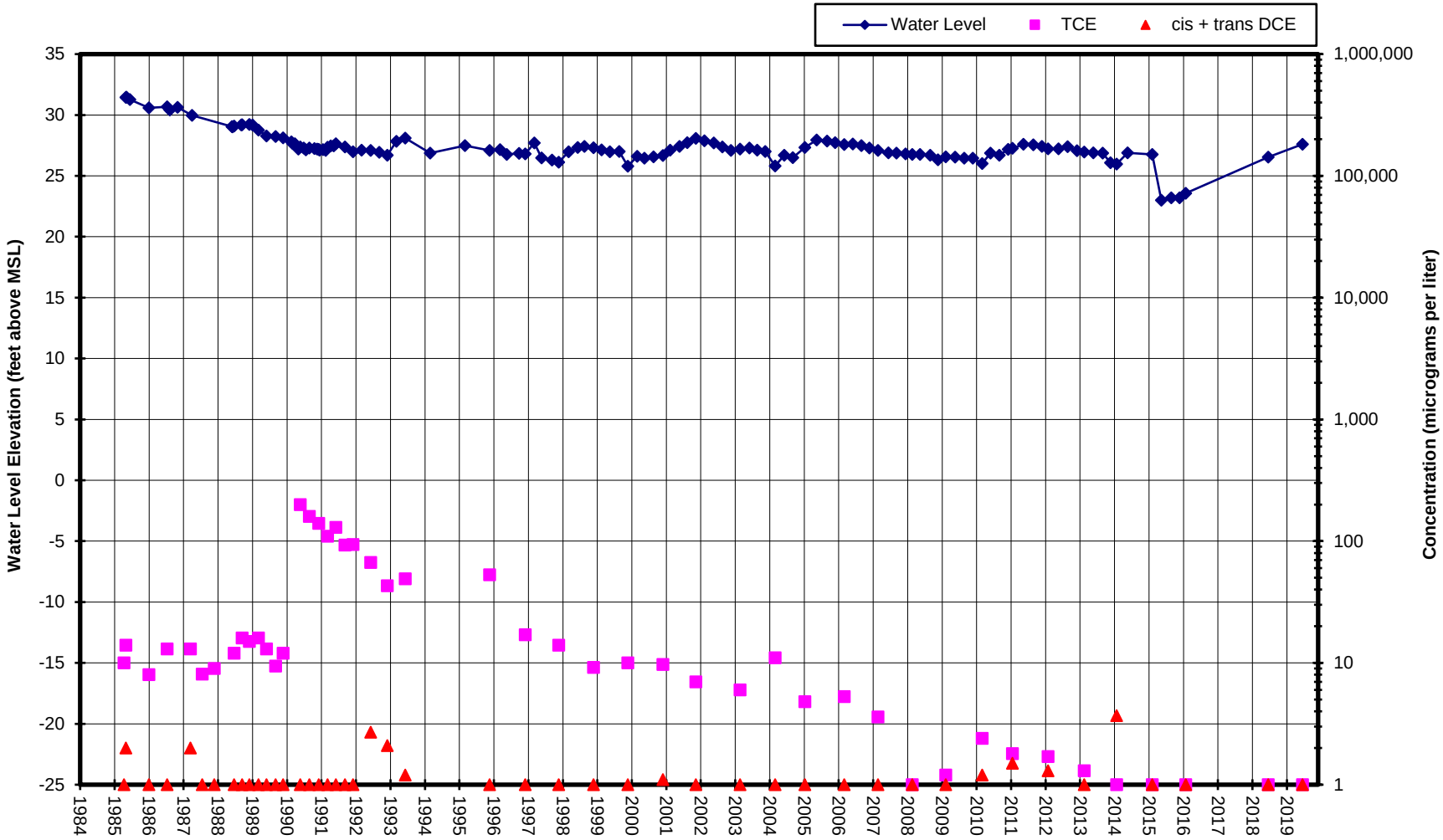
Well ID	Date	Enumeration/Liter[b]
SZO-1	08/04/17	**6×10^8**
	01/16/18	**4×10^6**
	04/17/18	**1×10^7**
	07/21/18	**2×10^7**
	10/16/18	**3×10^5**
	01/15/19	**1×10^6**
	04/16/19	**8×10^5**
	07/19/19	**6×10^5**
SZO-2	08/04/17	**5×10^8**
	01/16/18	**7×10^7**
	04/17/18	**7×10^7**
	07/21/18	**7×10^7**
	10/16/18	**9×10^8**
	01/15/19	**1×10^8**
	04/16/19	**6×10^7**
	07/19/19	**2×10^7**
SZT-1	08/03/17	**3×10^6**
	01/16/18	**1×10^9**
	04/17/18	**2×10^9**
	07/21/18	**8×10^8**
	10/16/18	**8×10^8**
	01/15/19	**7×10^7**
	04/16/19	**7×10^7**
	07/19/19	**7×10^7**
EISB-S1[c]	08/15/17	**3×10^6**
I-18	08/01/17	6×10^3 U
	01/15/18	**3×10^6**
	04/16/18	**3×10^7**
	07/19/18	**2×10^5**
	10/15/18	**2×10^5**
	01/14/19	**1×10^7**
	04/15/19	**1×10^7**
	07/18/19	**2×10^6**
EISB-I3[c]	07/31/17	4×10^3 U

notes:
MRP = Santa Ana Regional Water Quality Control Board (SARWQCB) General Waste Discharge Requirements (WDR) Monitoring and Reporting Program (MRP)
a = *Dehalococcoides* sp.
b = Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.
c = Enhanced In-Situ Bioremediation (EISB) injection wells sampled once prior to initial injection in August 2017
U = Not detected, associated value is a quantitation limit.

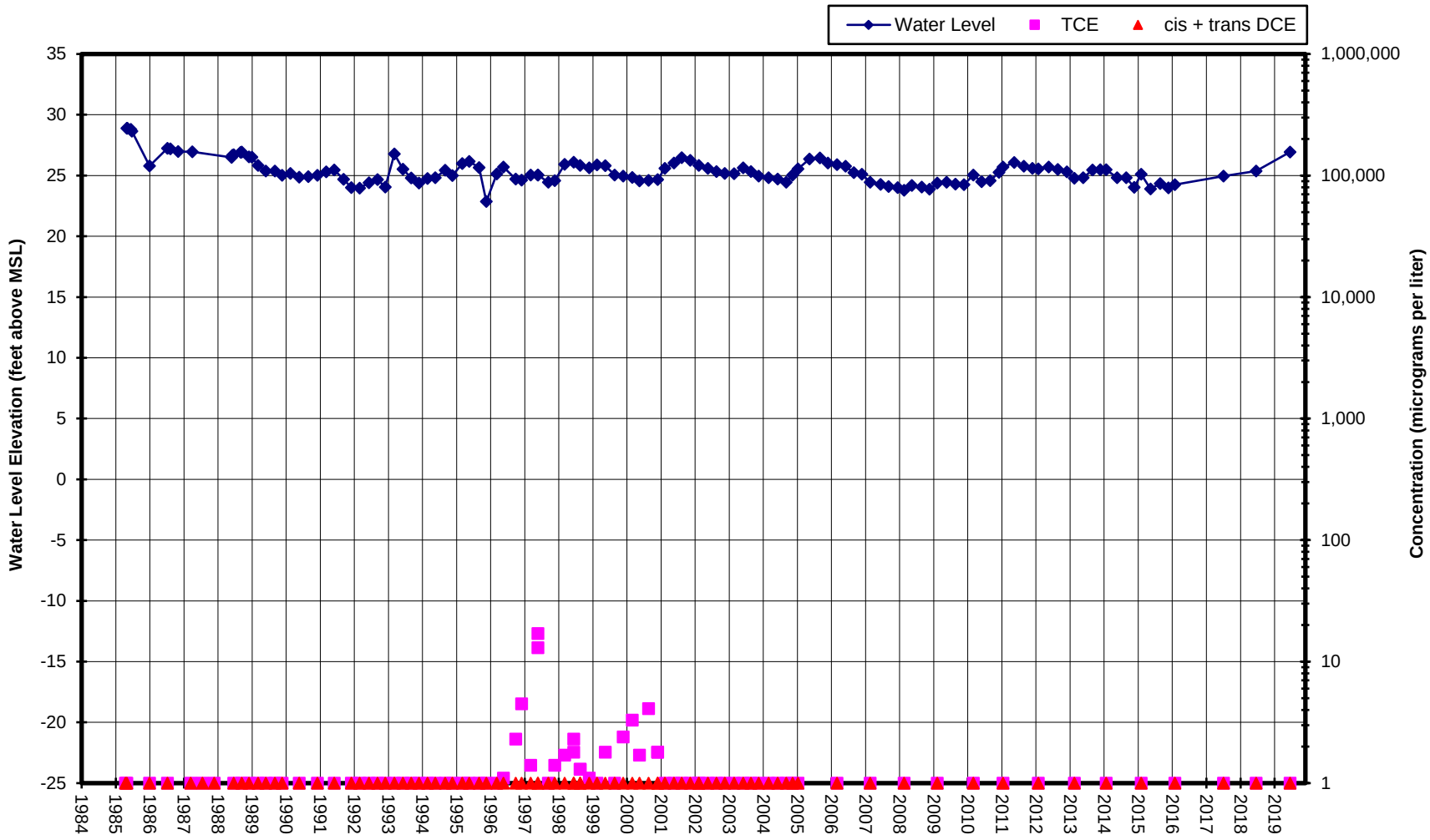
APPENDIX A

2019 GROUNDWATER ELEVATION AND WATER QUALITY HYDROGRAPHS

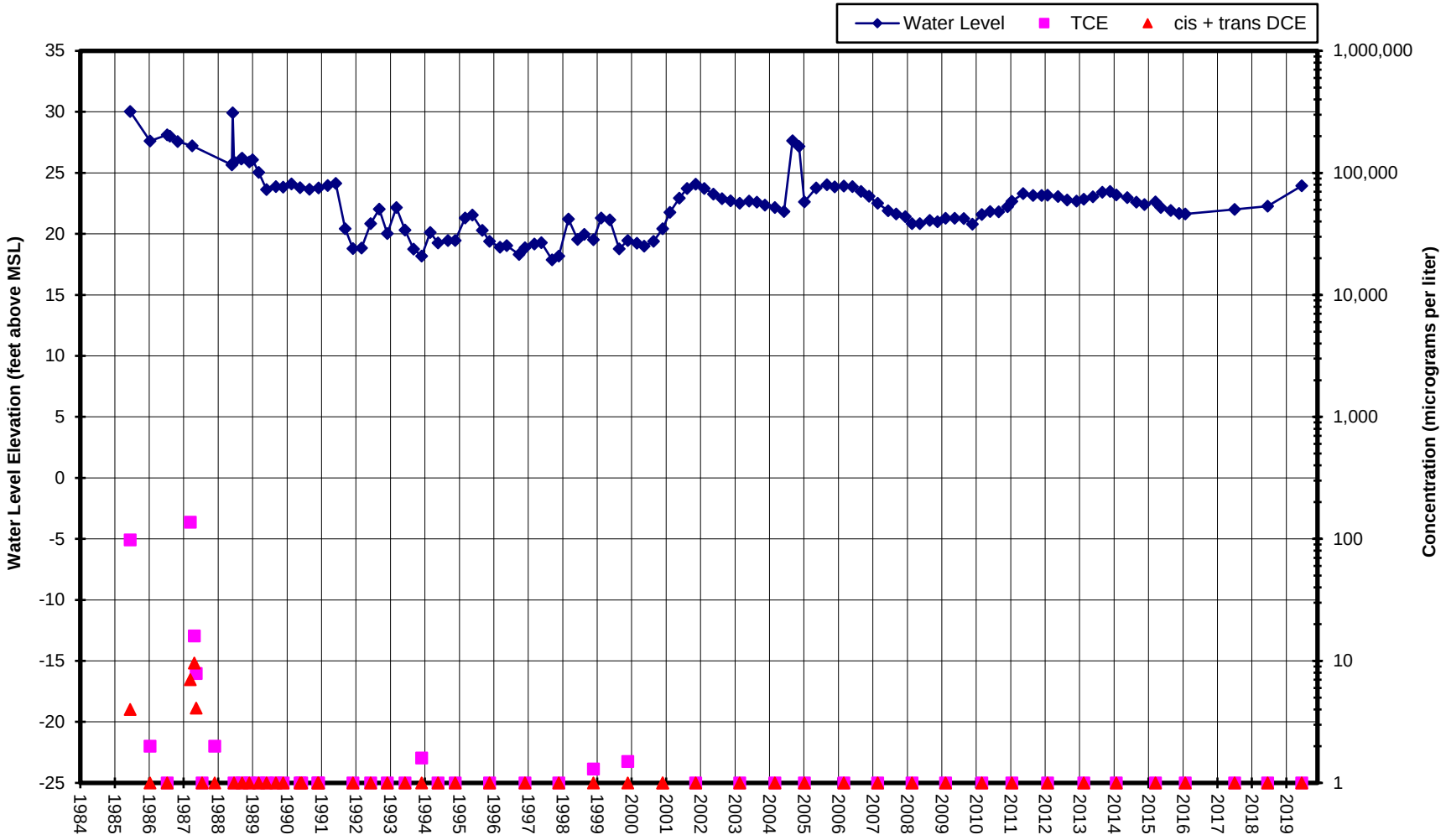
MONITOR WELL M-24
WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



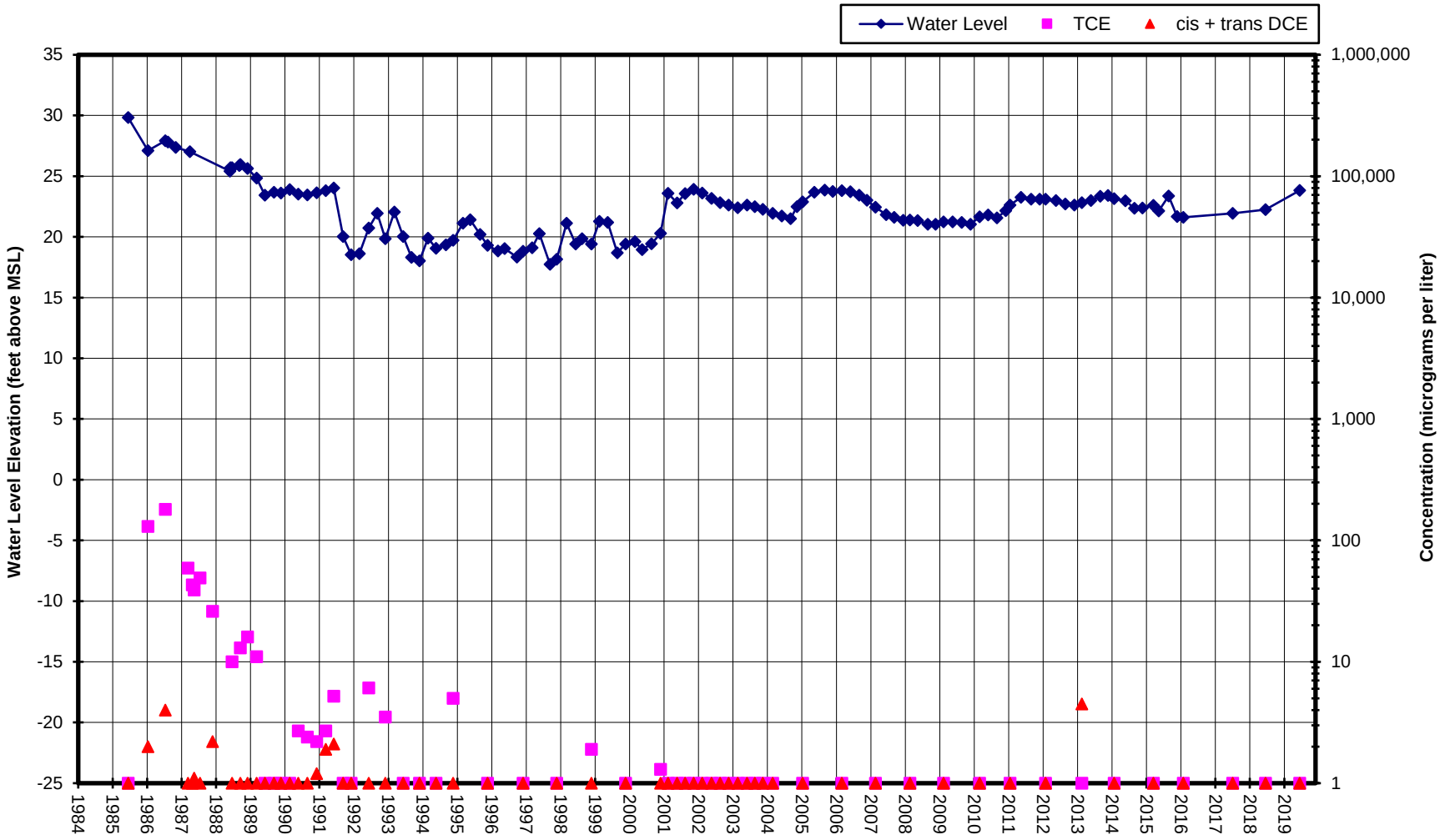
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WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



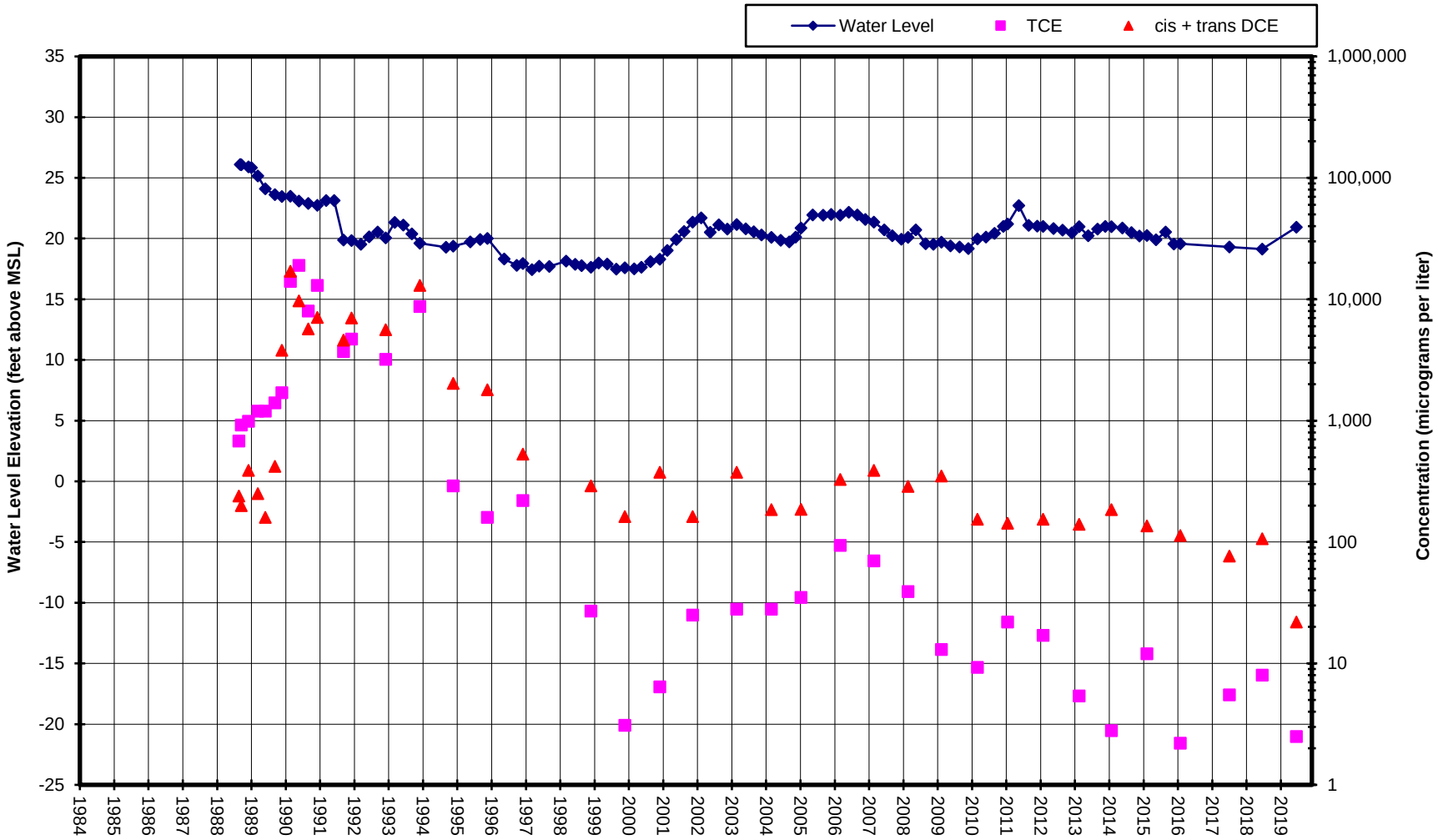
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WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



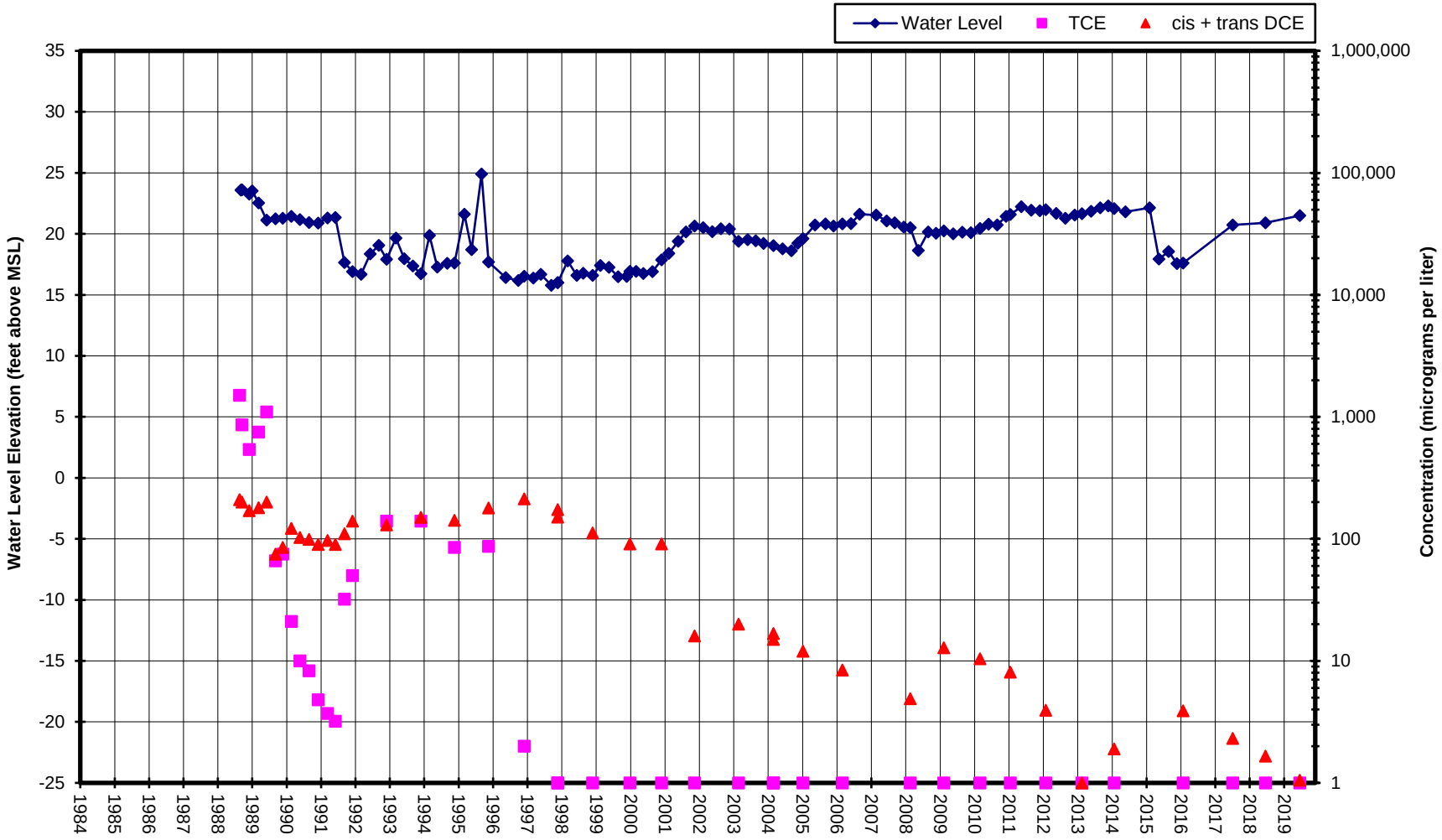
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WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



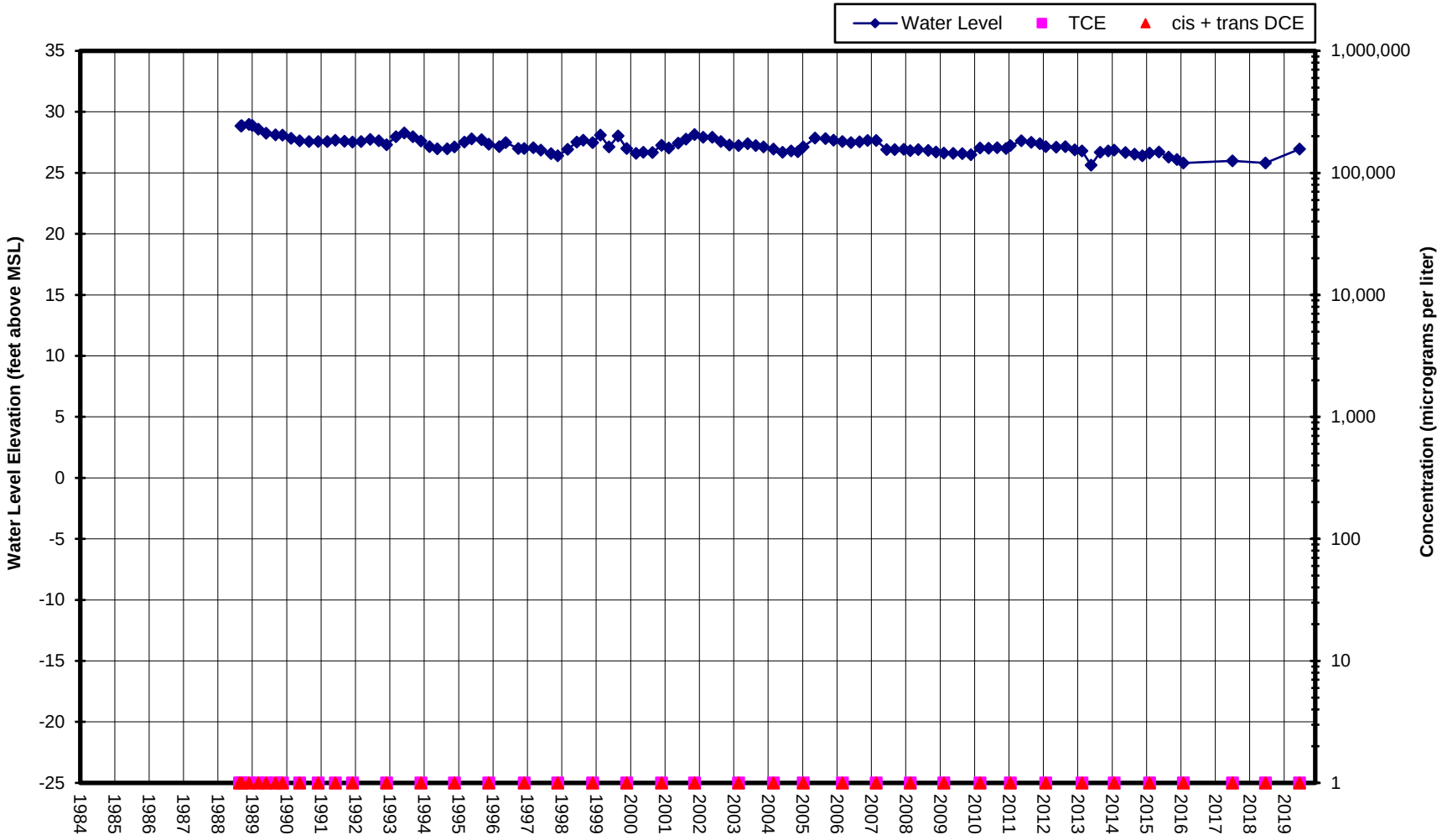
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WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



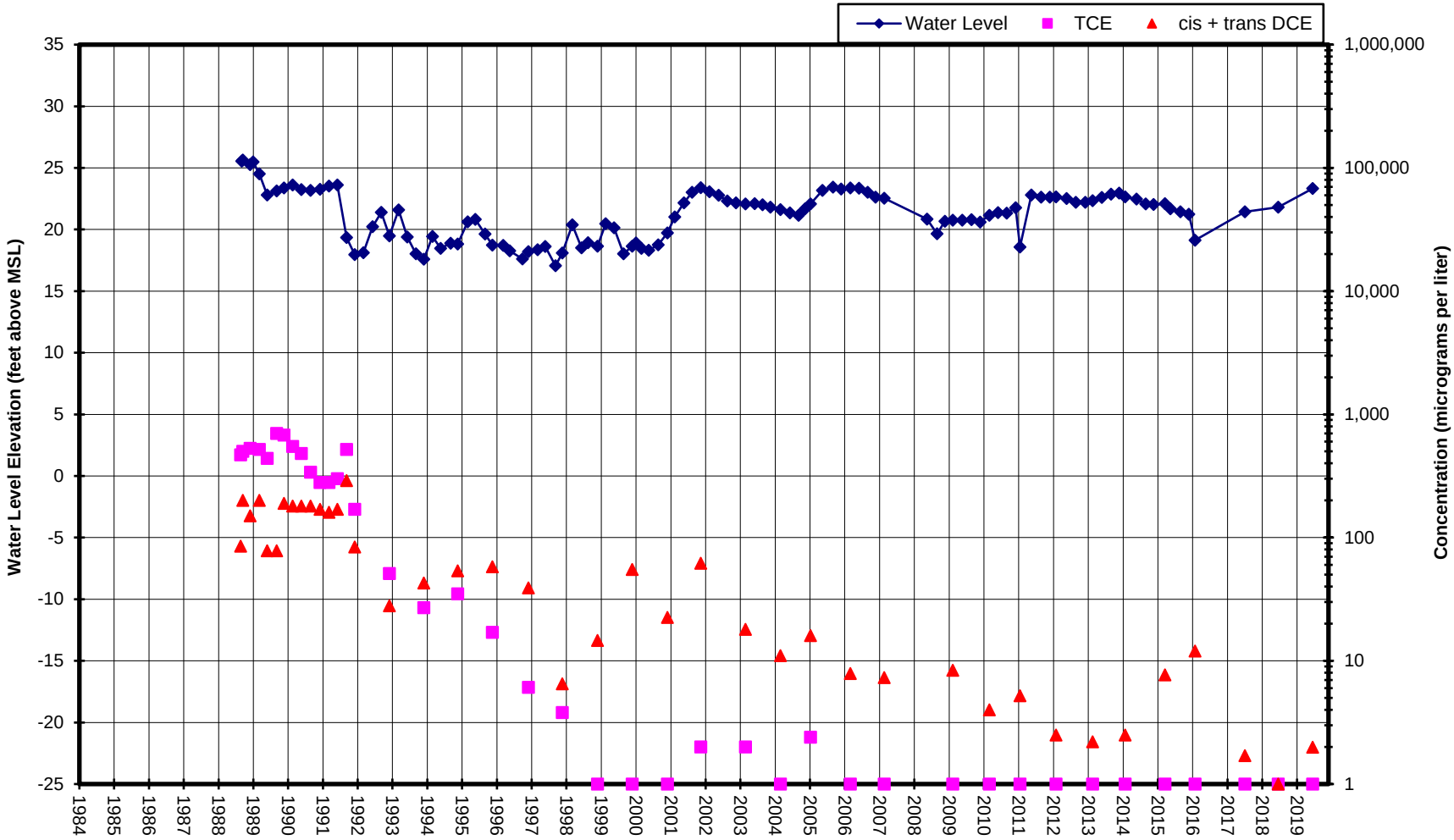
MONITOR WELL M-36
WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



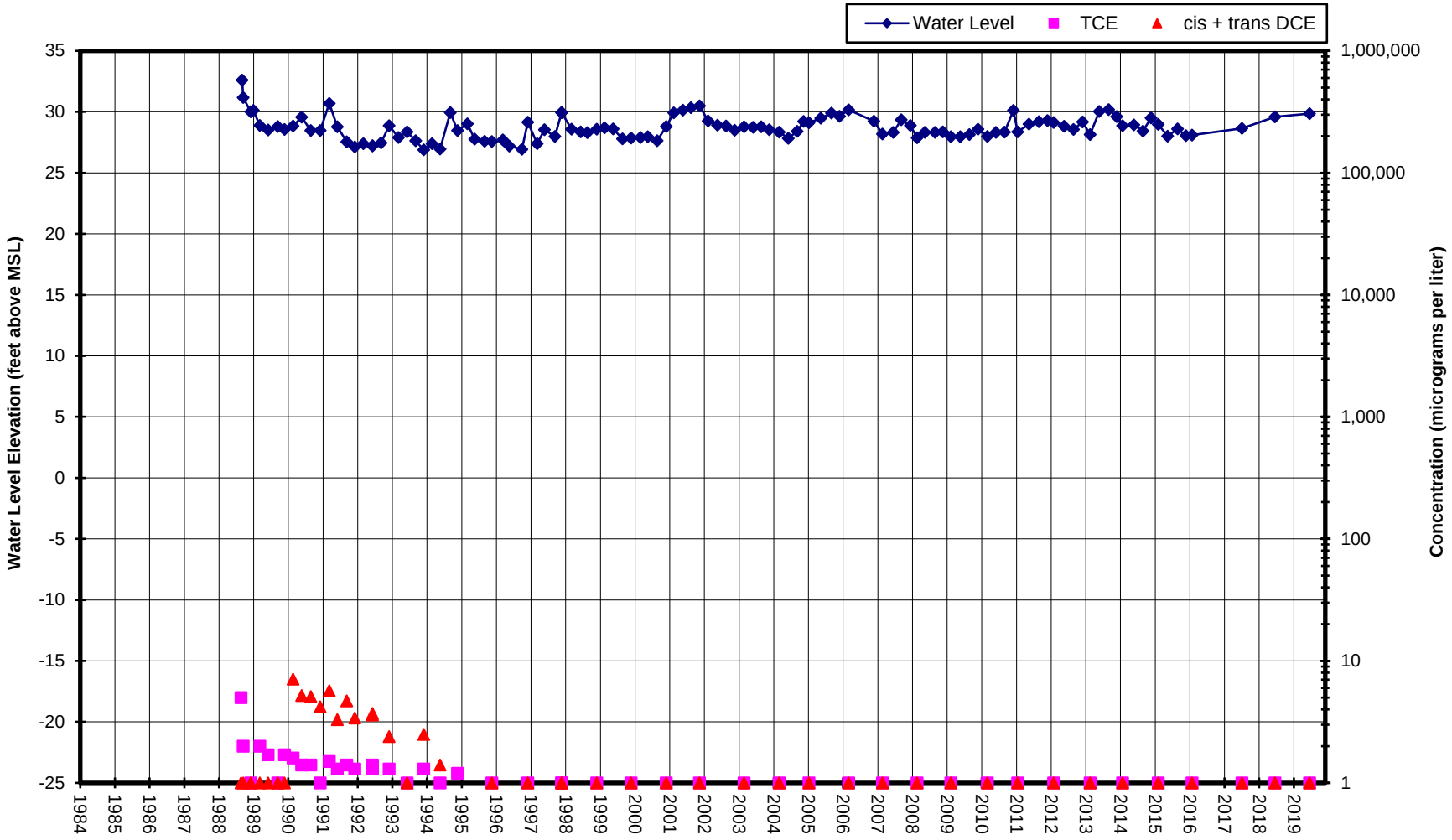
MONITOR WELL M-37
WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



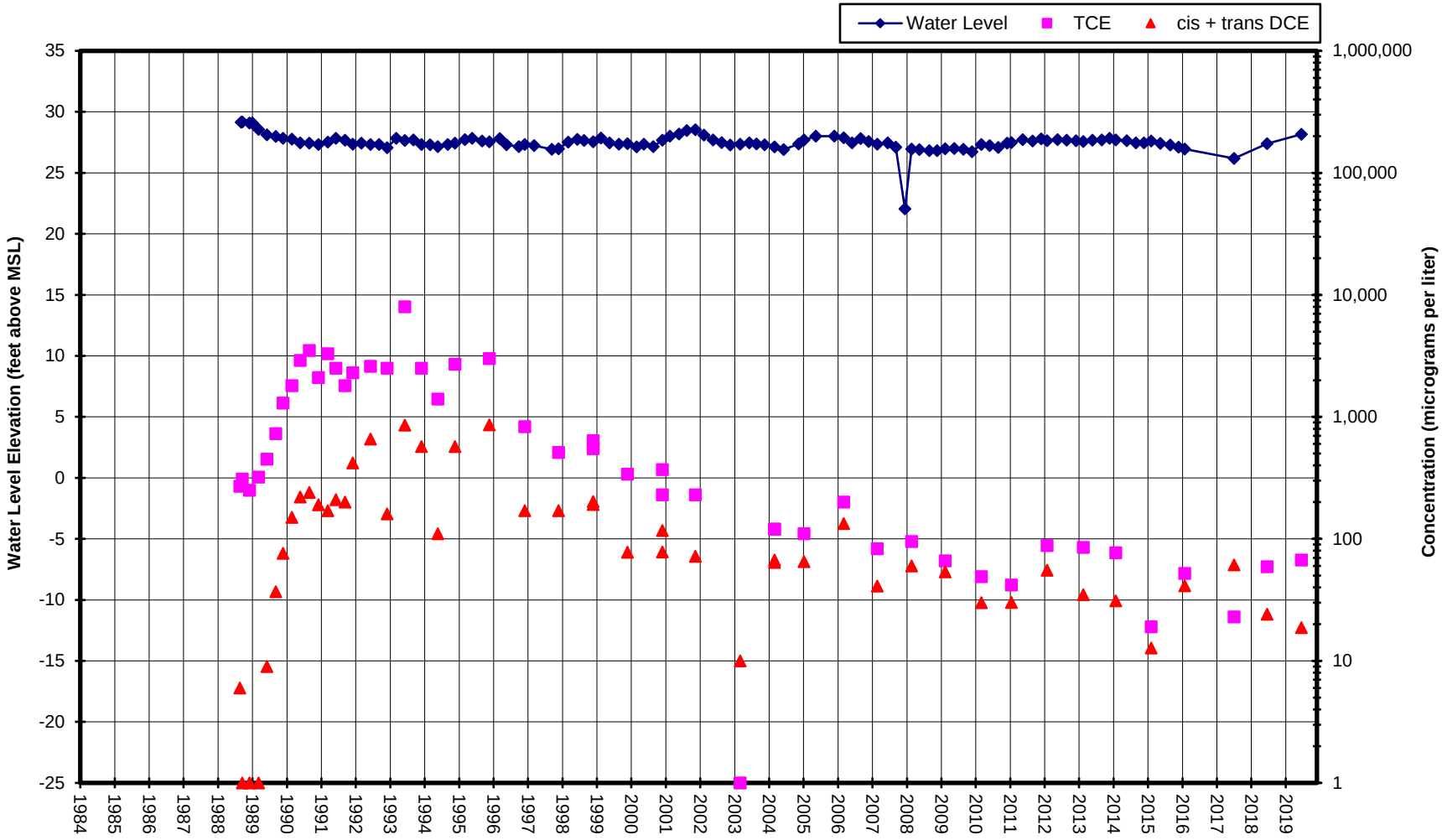
MONITOR WELL M-38
WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



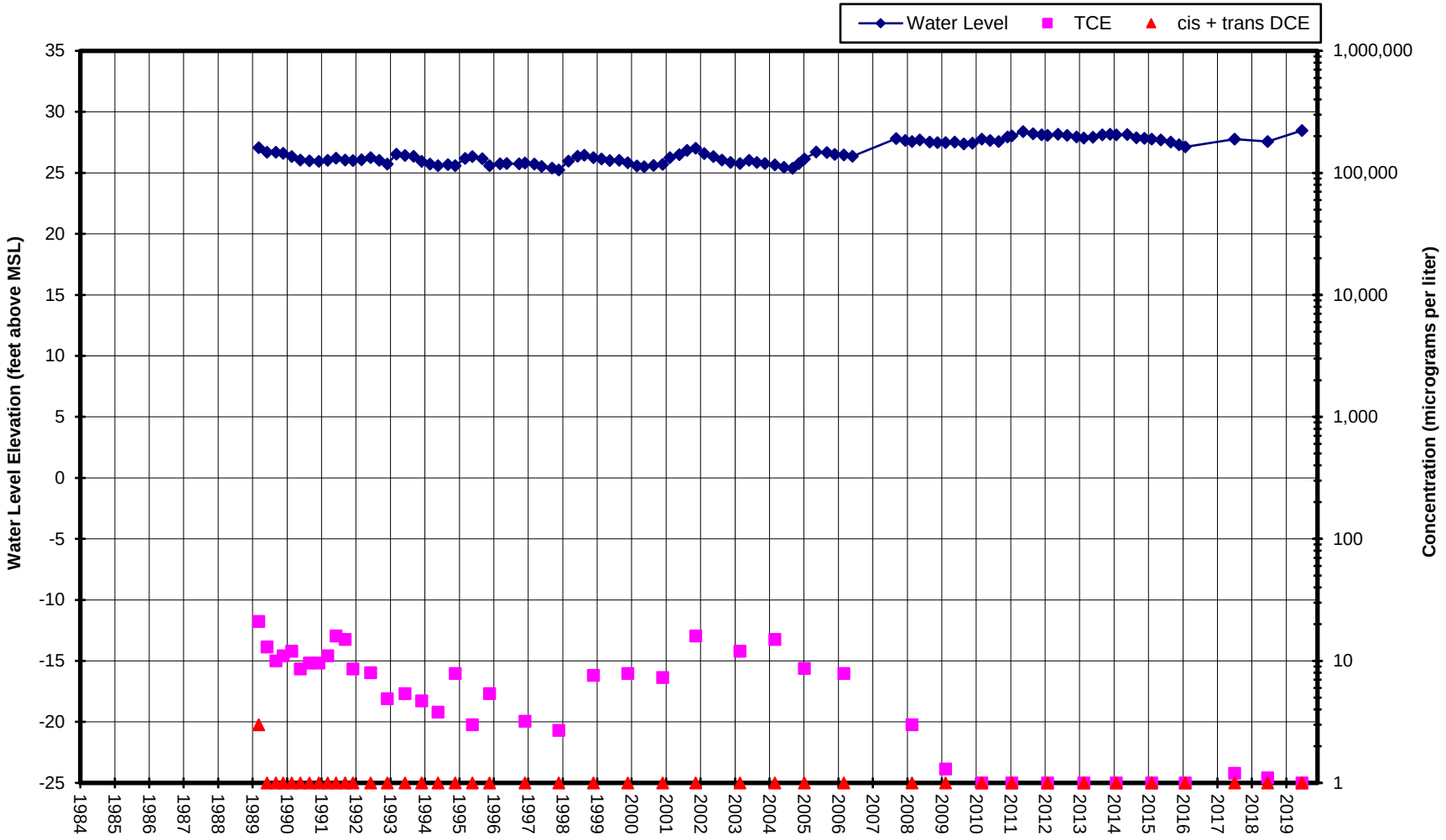
MONITOR WELL M-39
WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



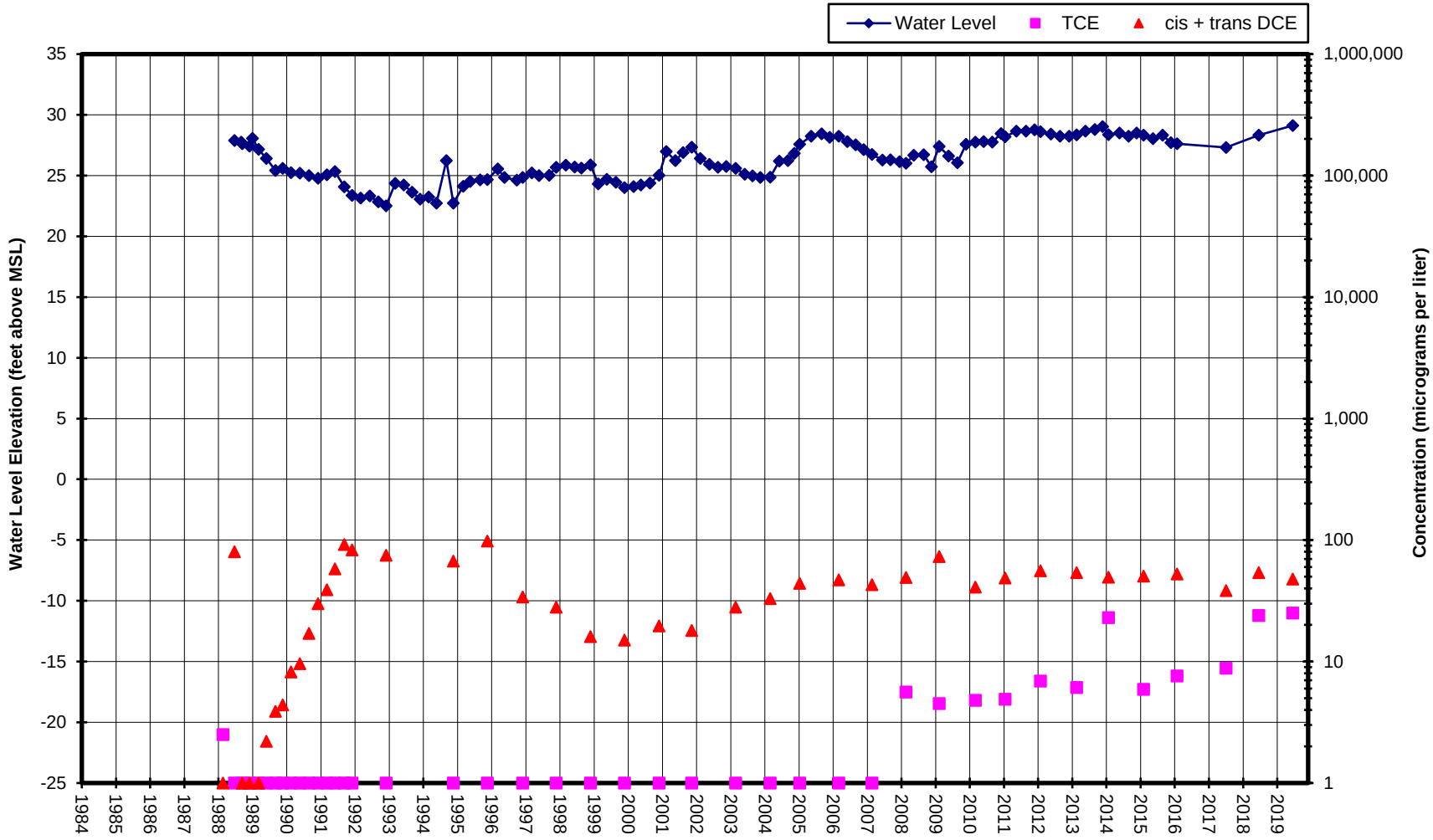
MONITOR WELL M-40
WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



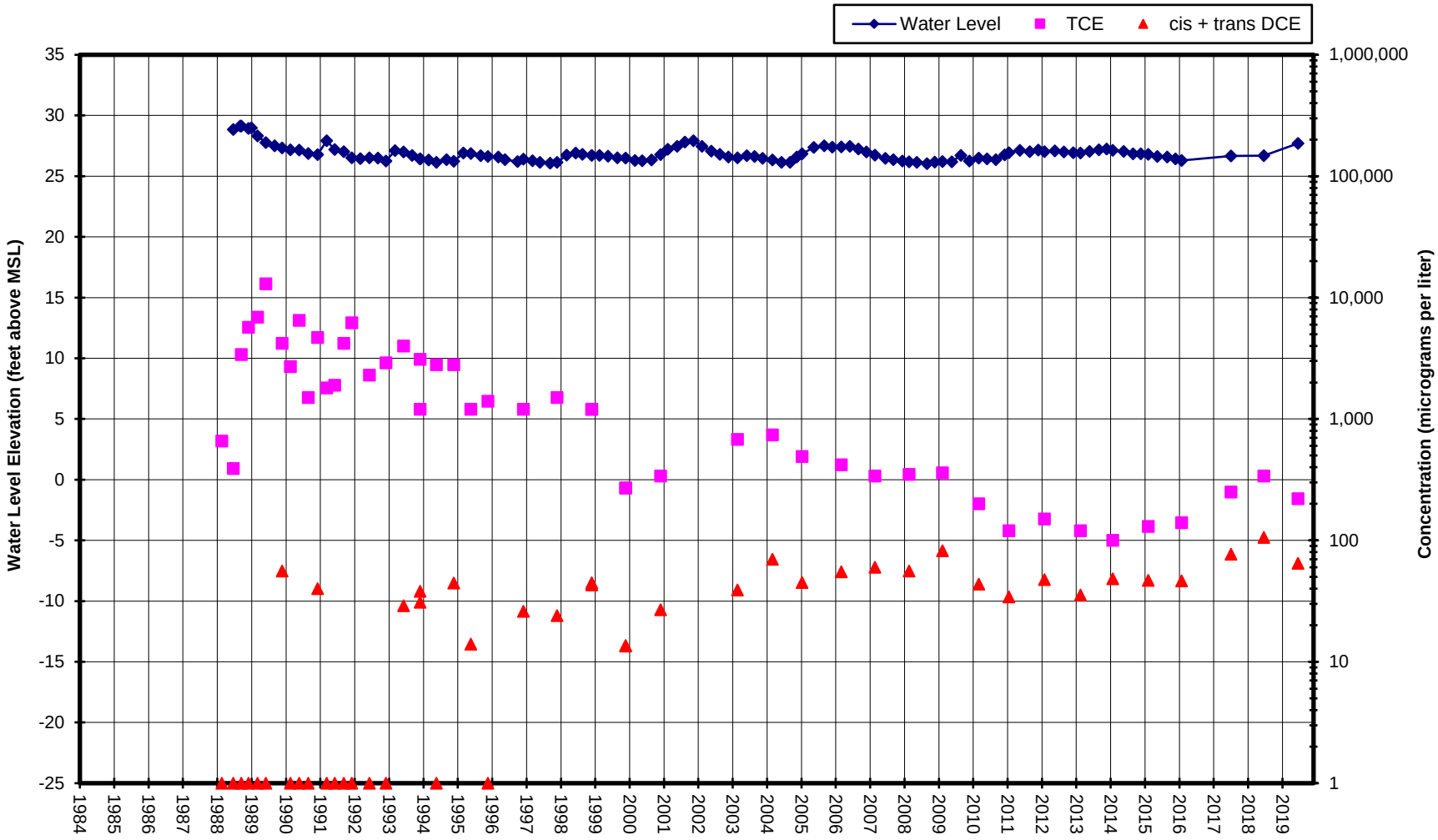
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Conexant Systems, Inc.
Newport Beach, California



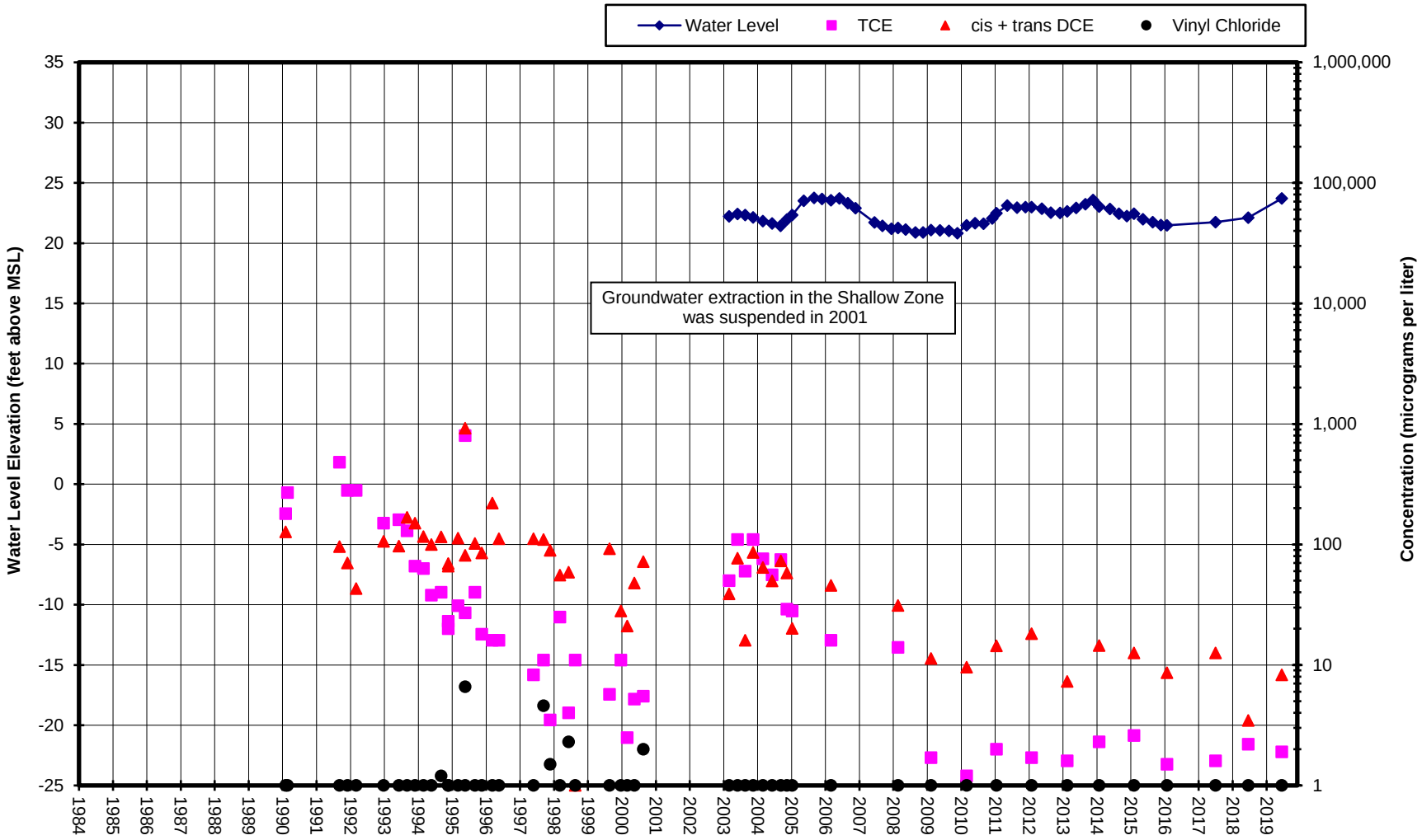
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Newport Beach, California



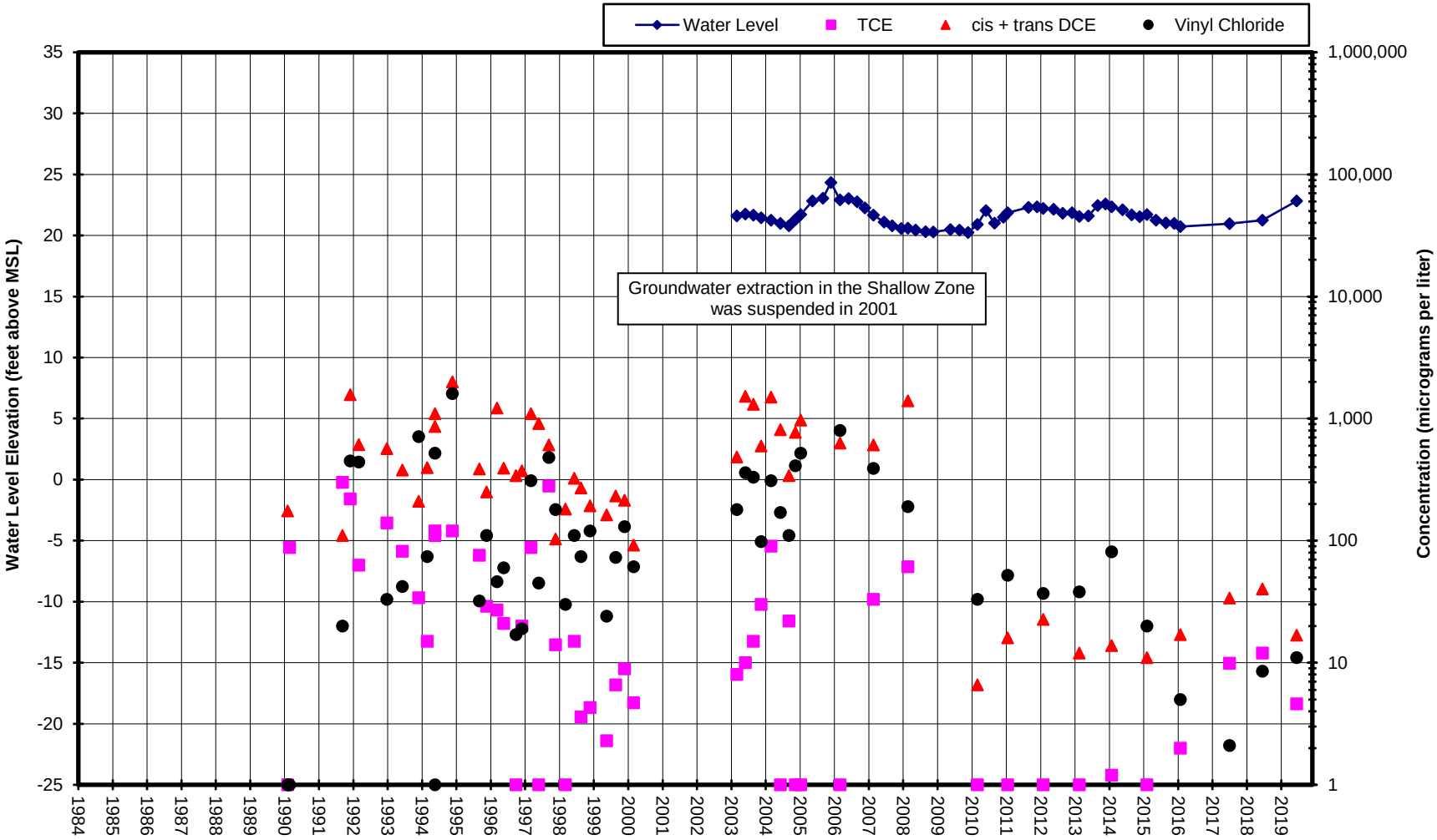
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Newport Beach, California



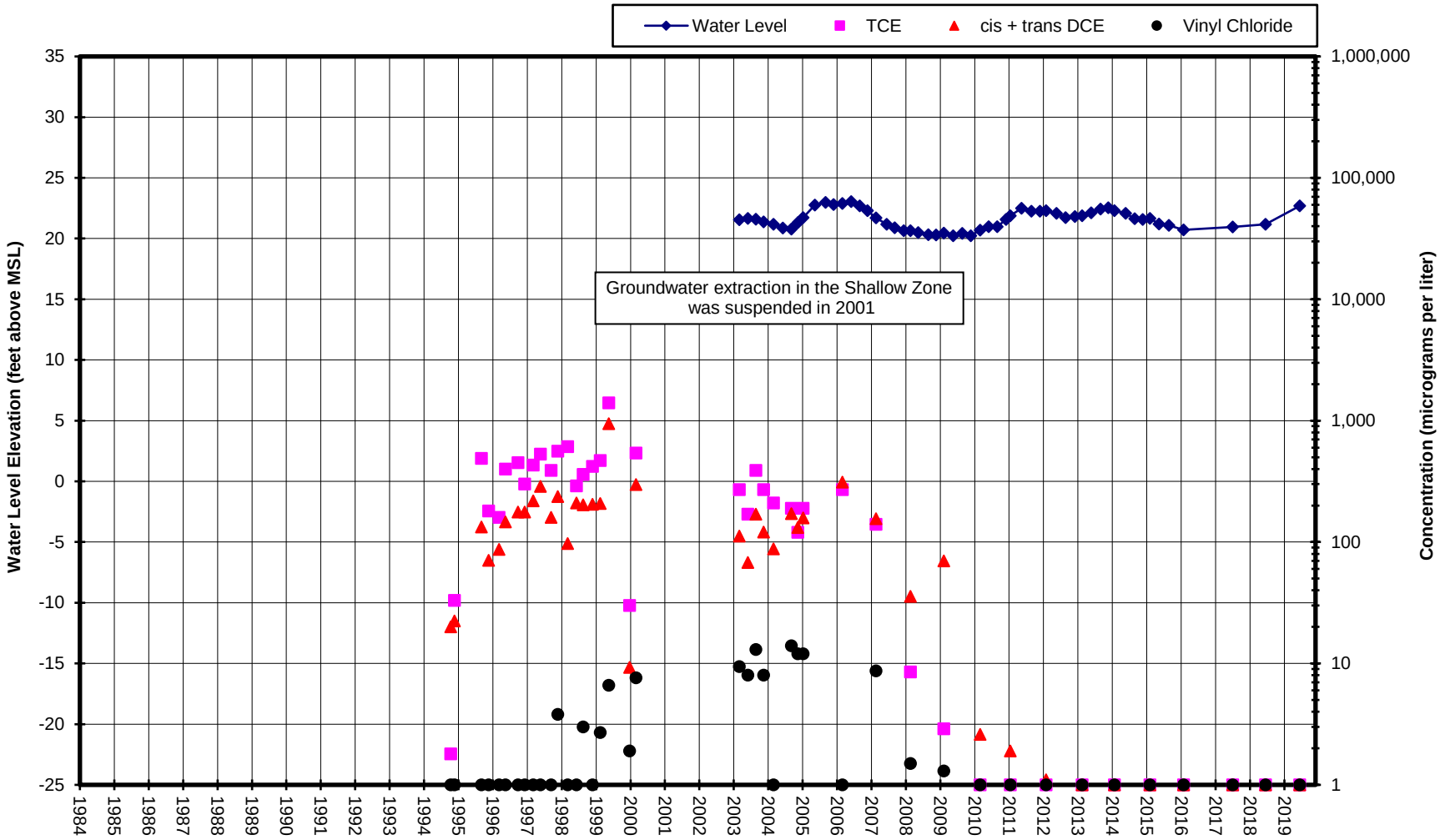
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Newport Beach, California



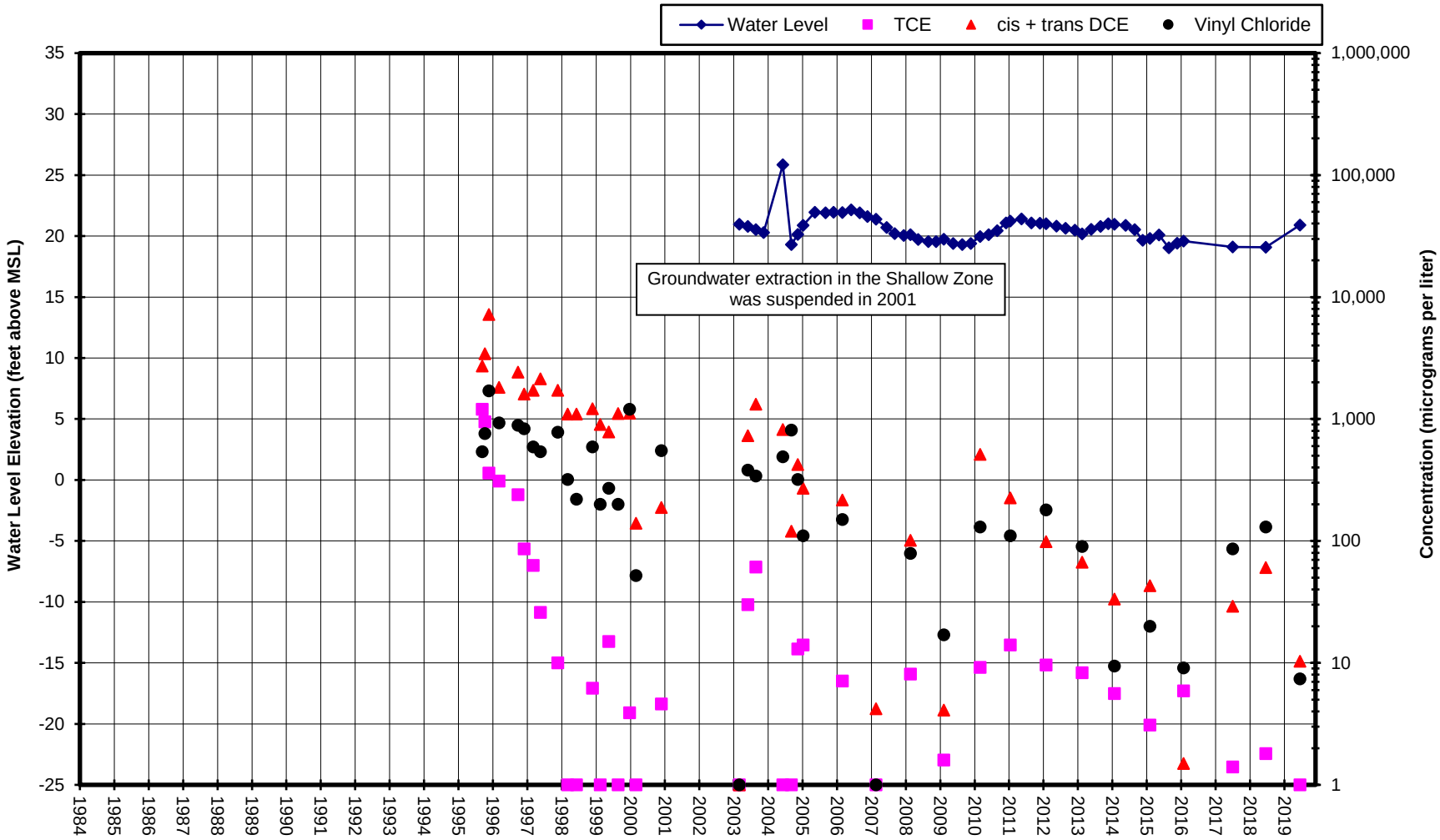
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Newport Beach, California



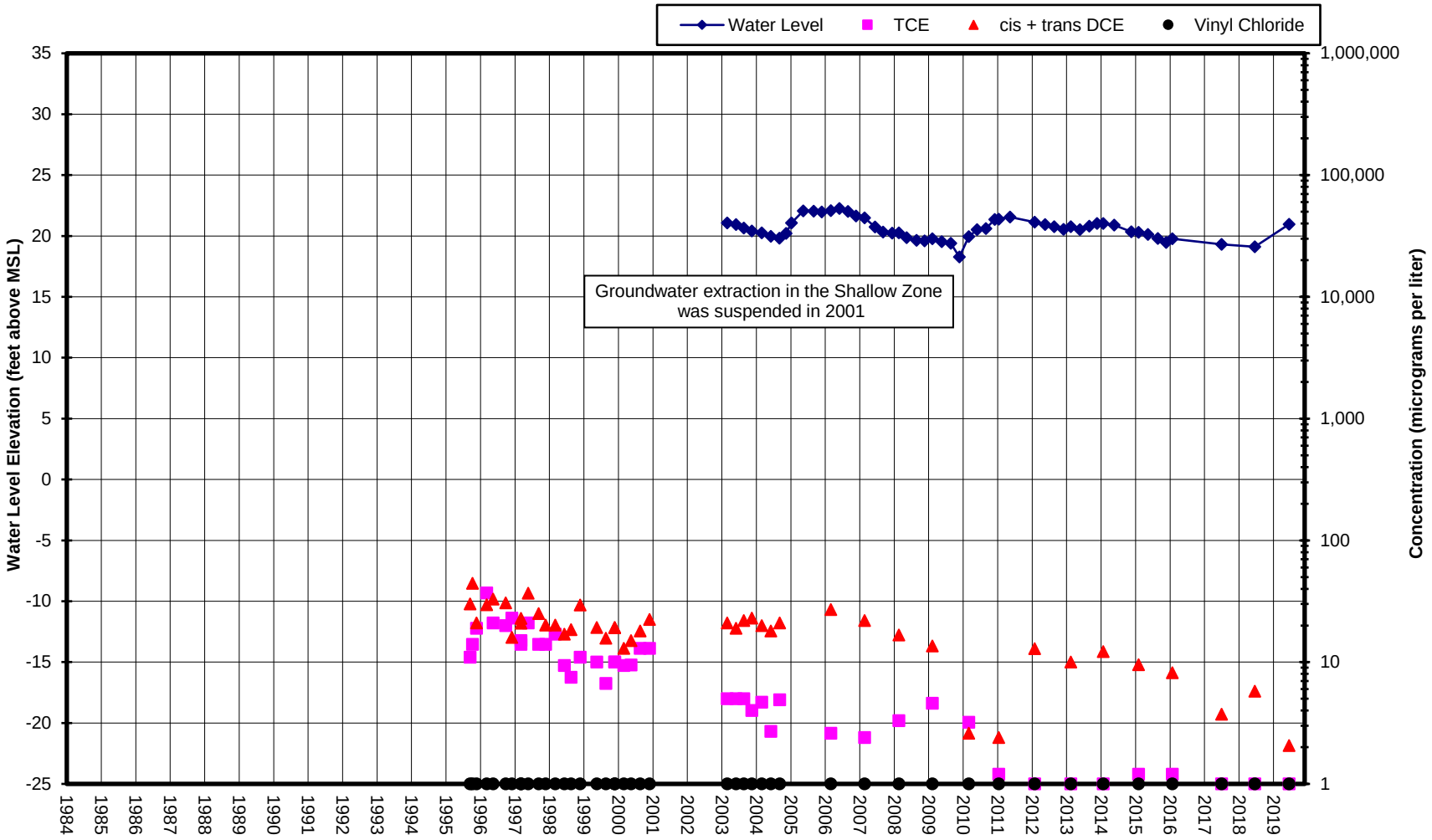
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Newport Beach, California



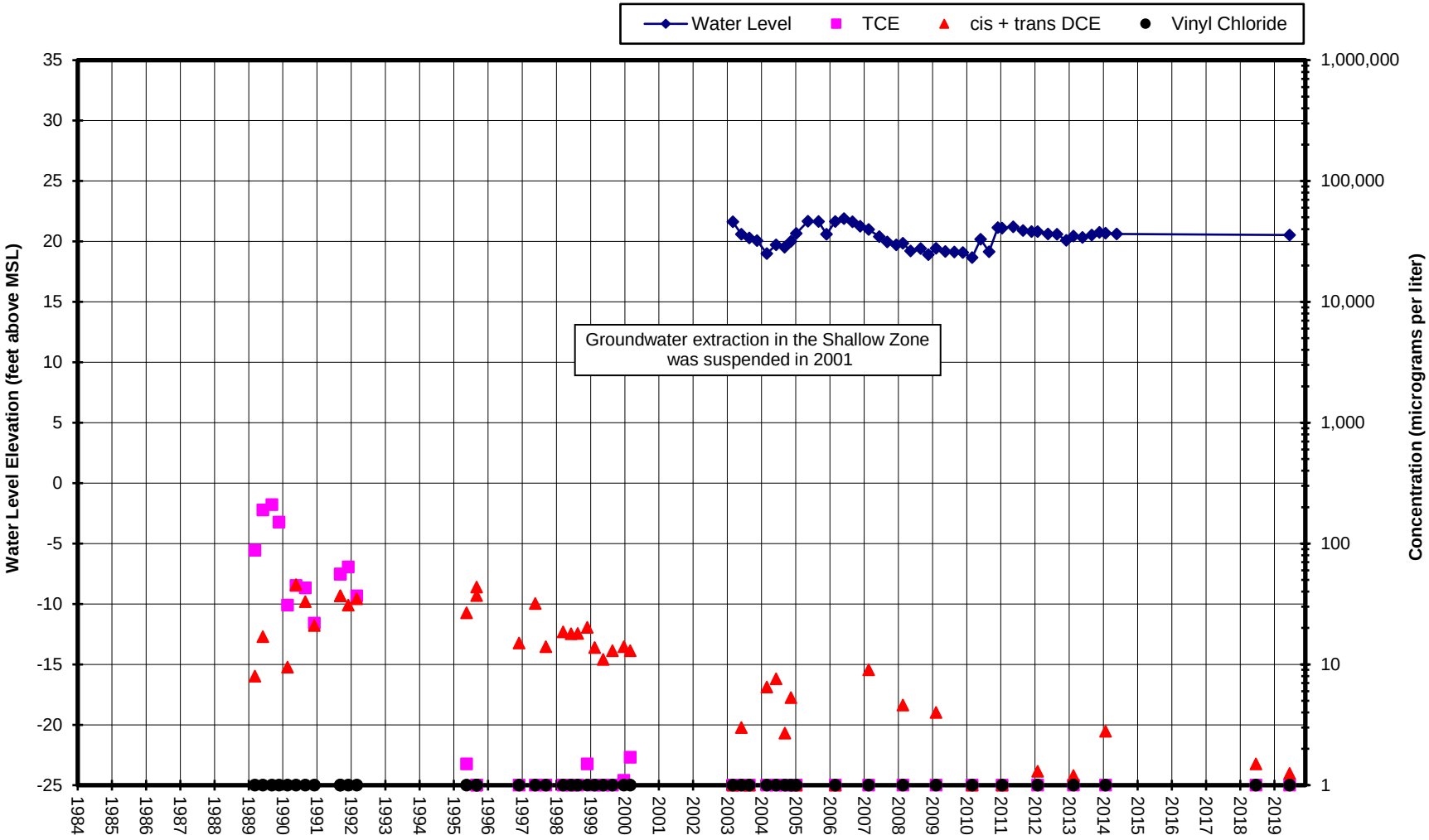
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Newport Beach, California



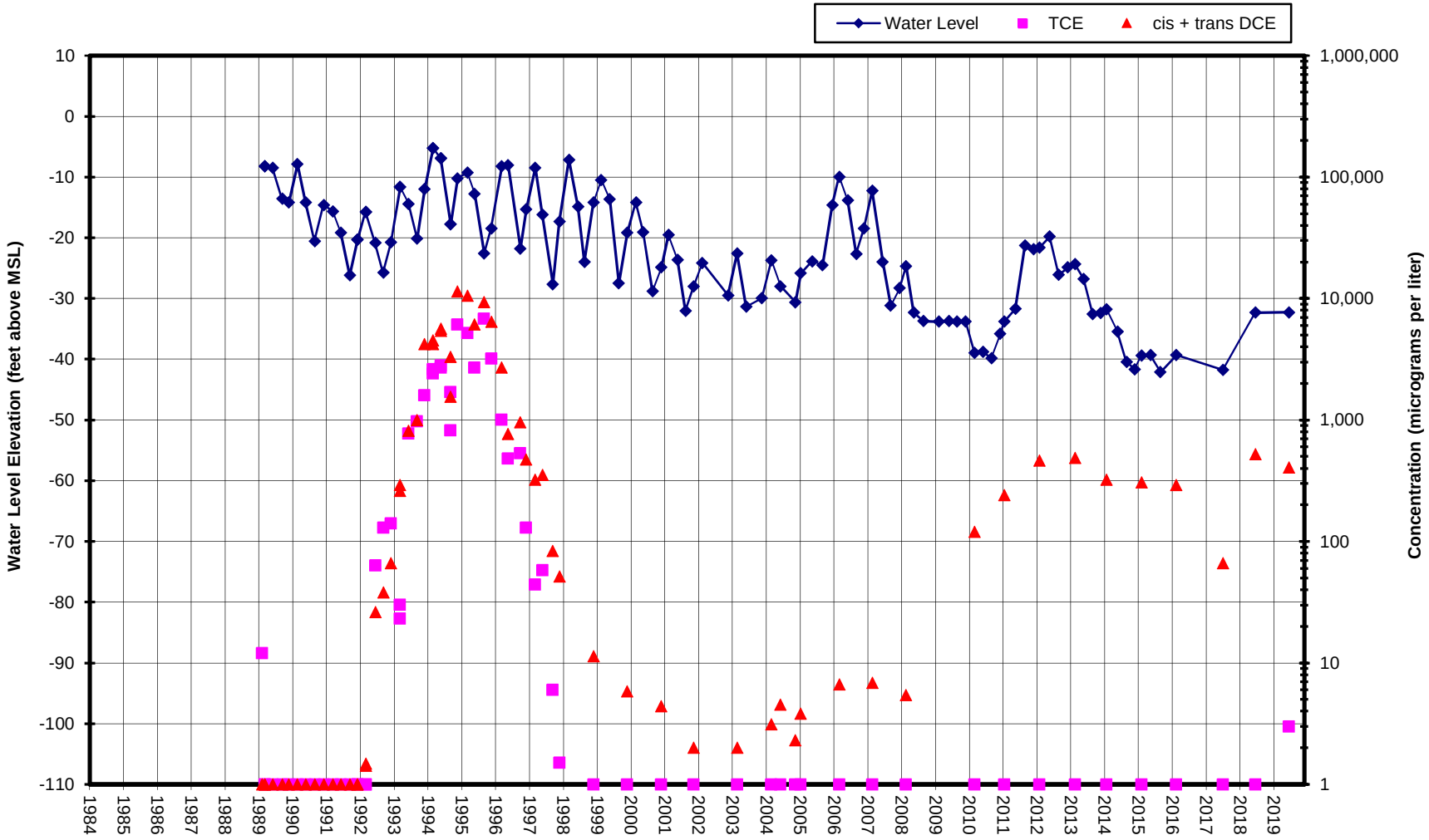
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WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



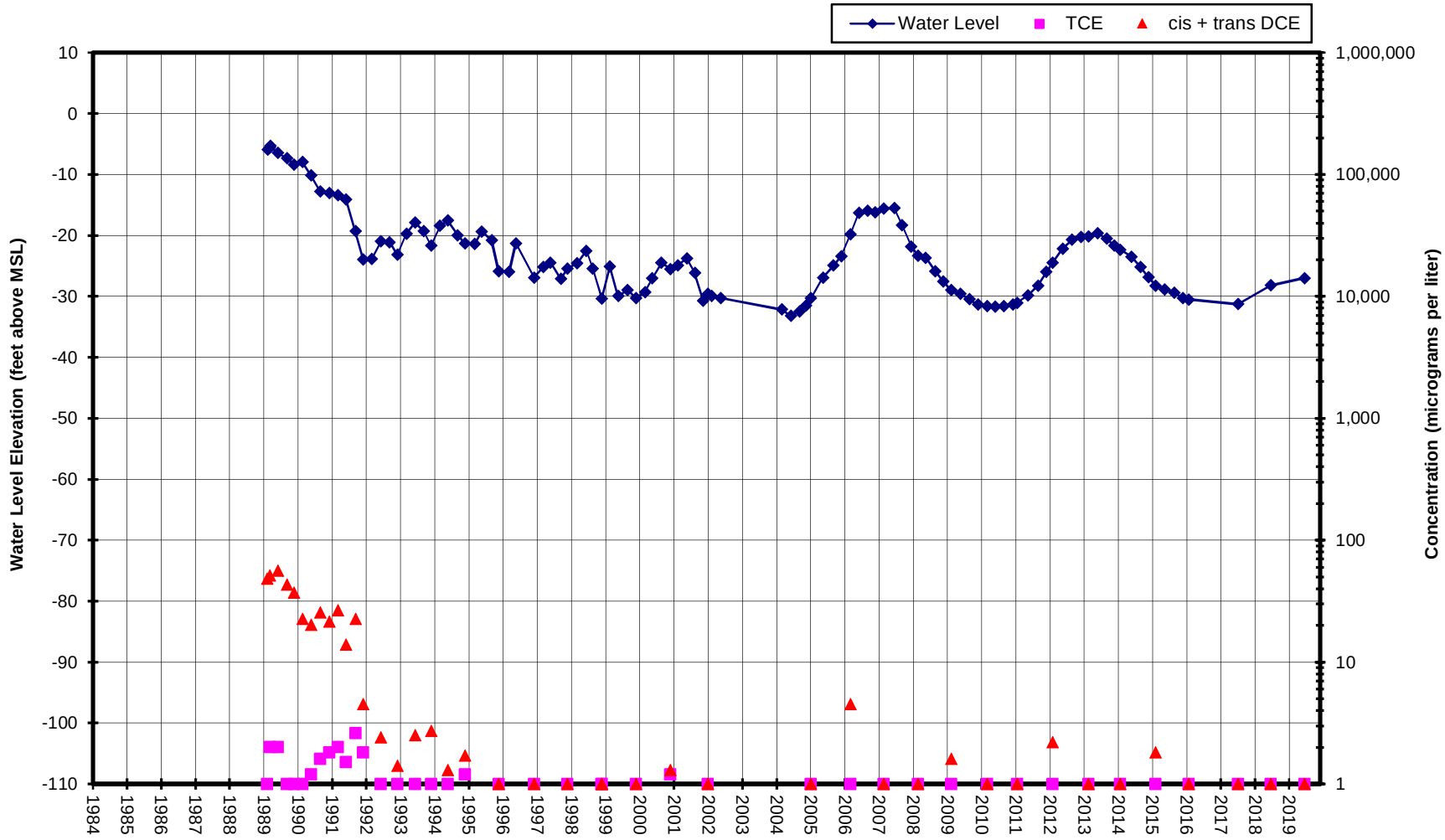
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Conexant Systems, Inc.
Newport Beach, California



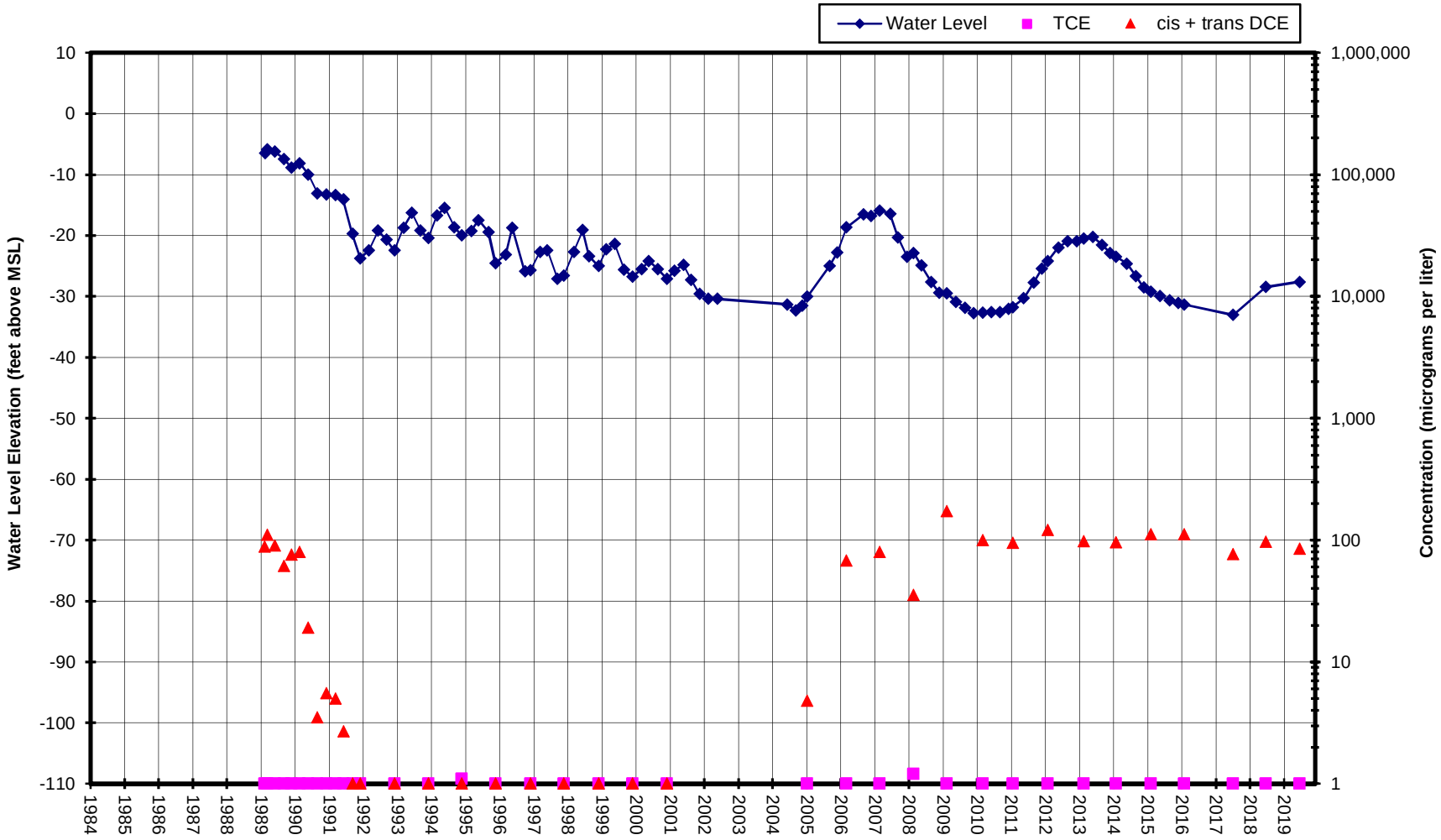
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WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



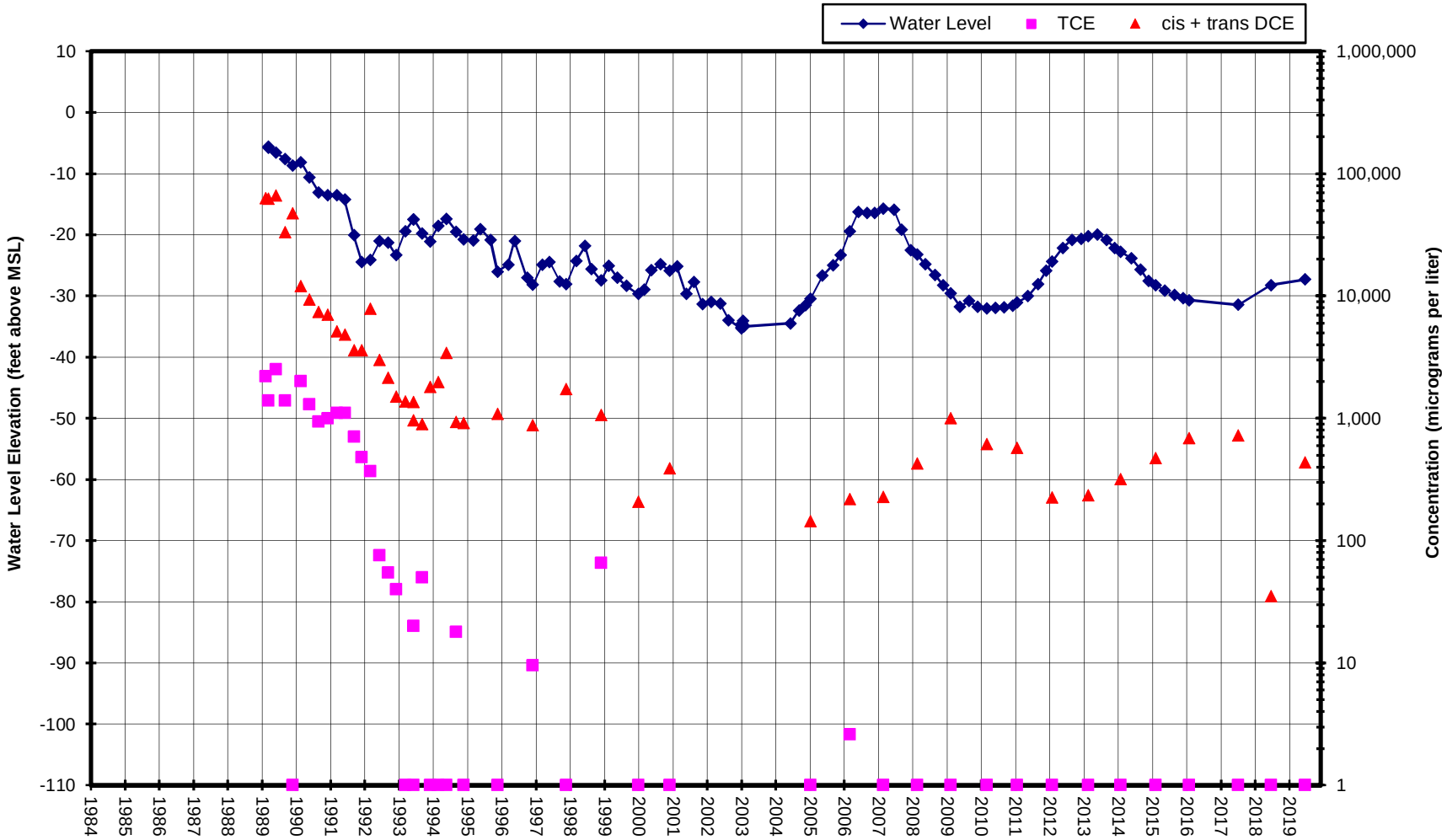
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Newport Beach, California



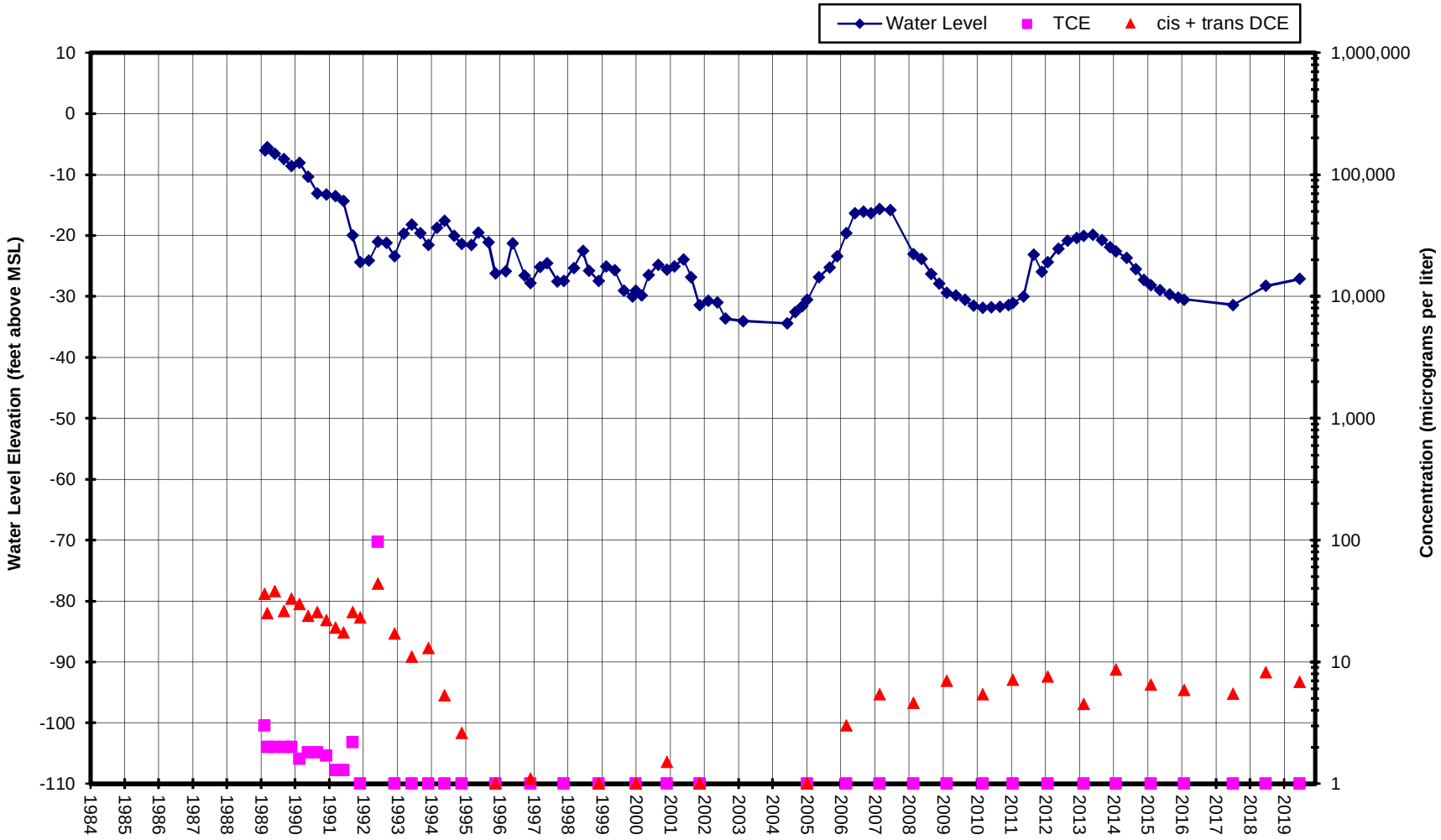
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Newport Beach, California



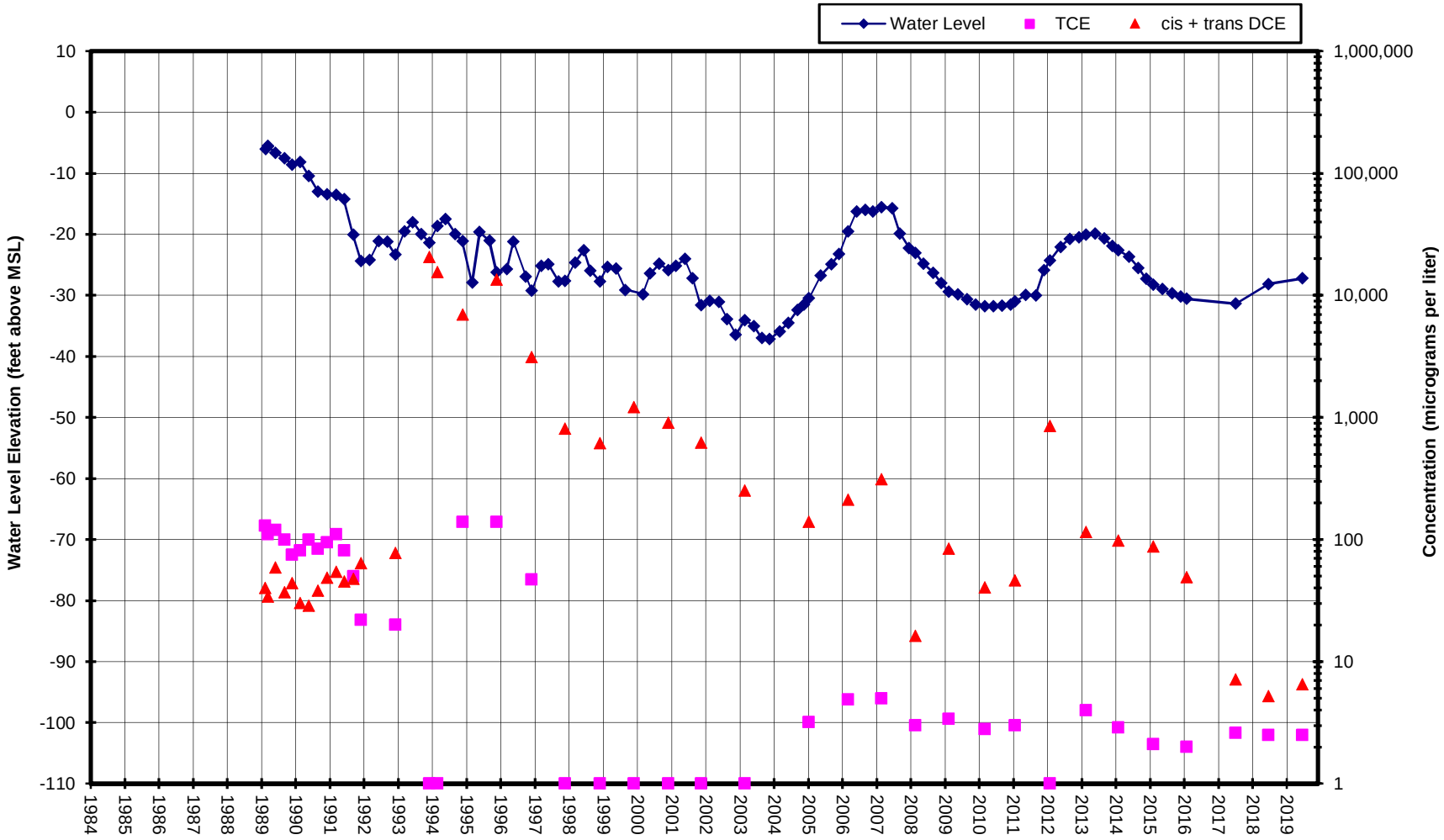
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Newport Beach, California



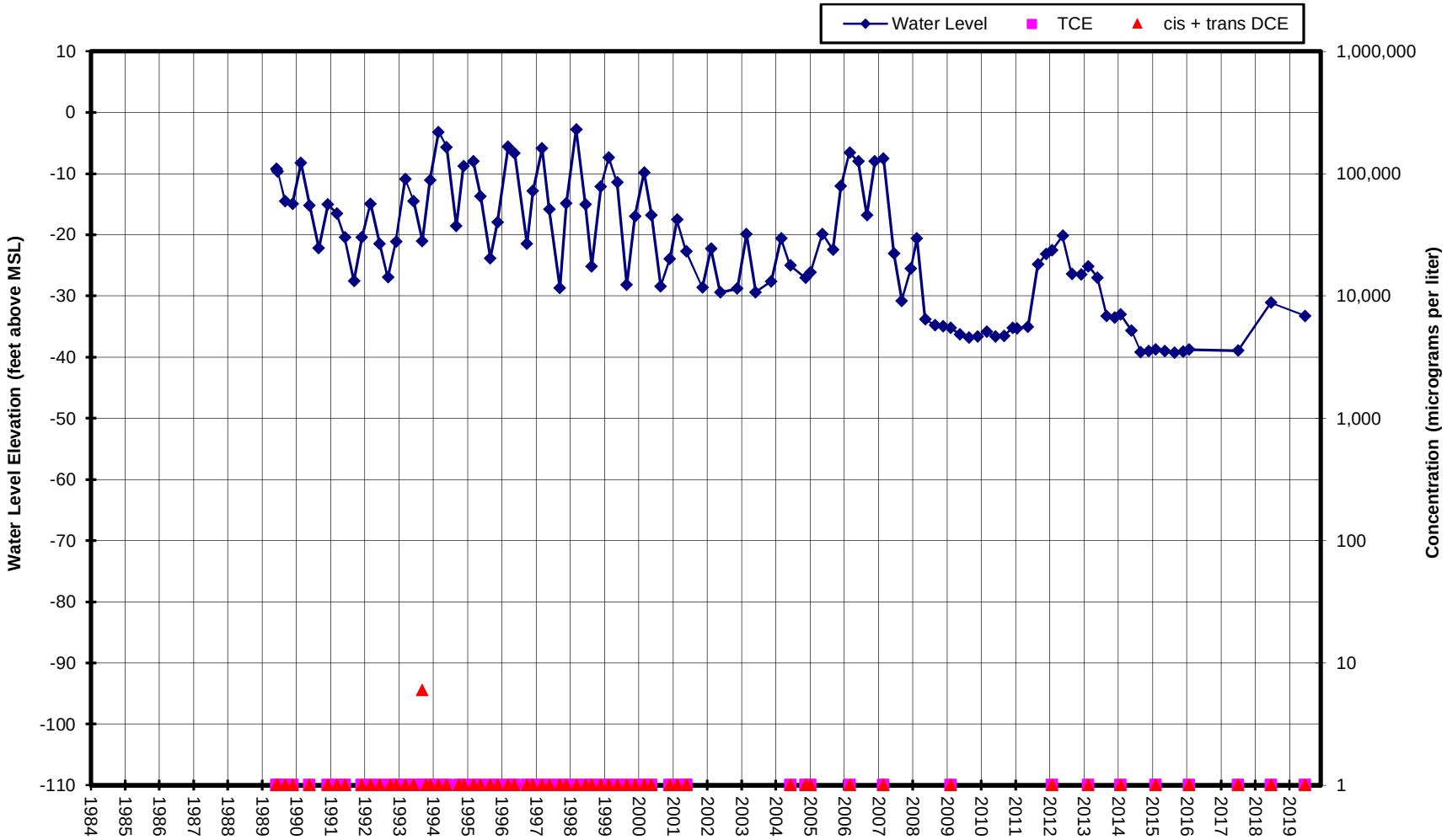
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Newport Beach, California



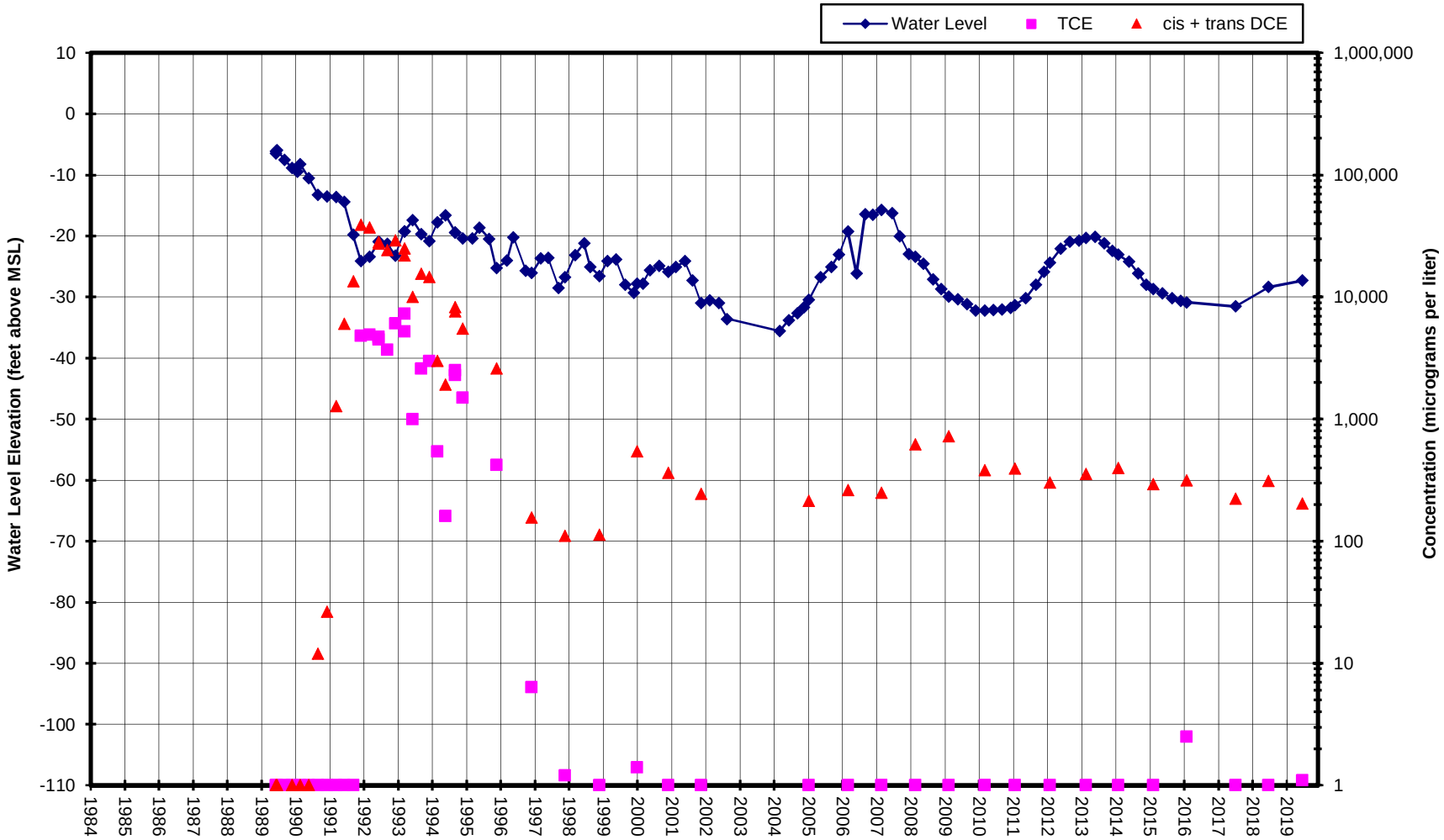
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WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
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Newport Beach, California



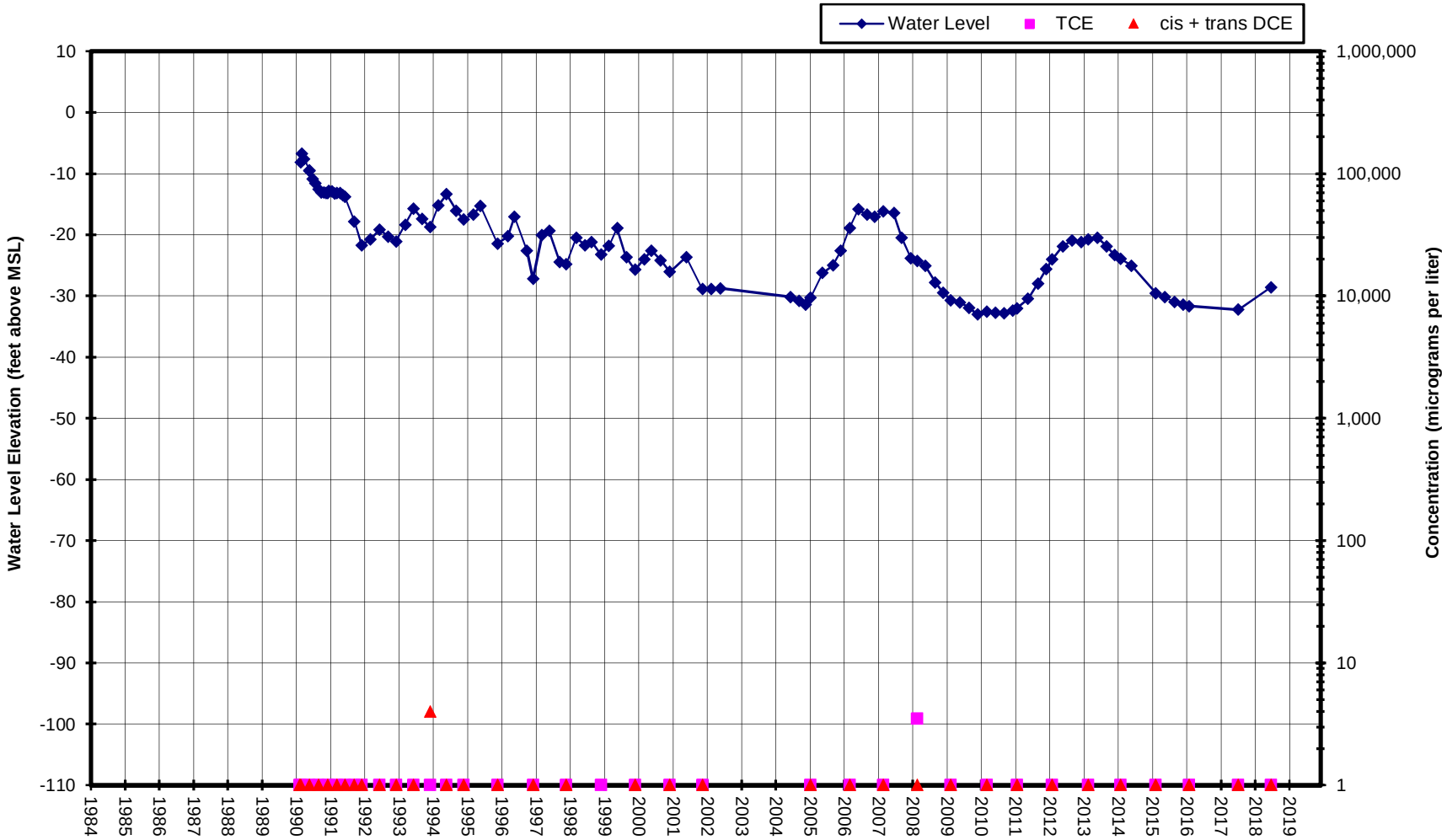
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WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



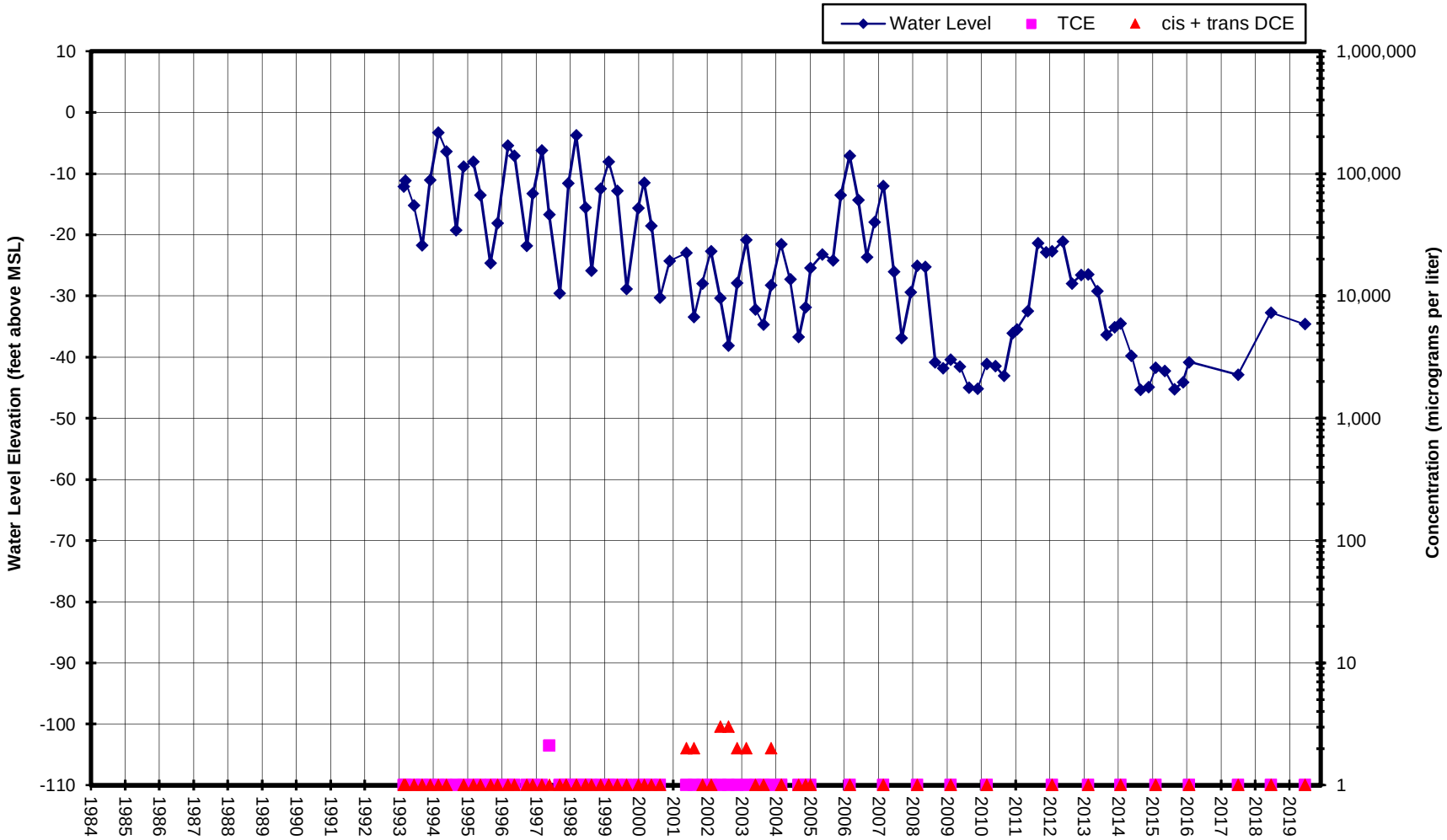
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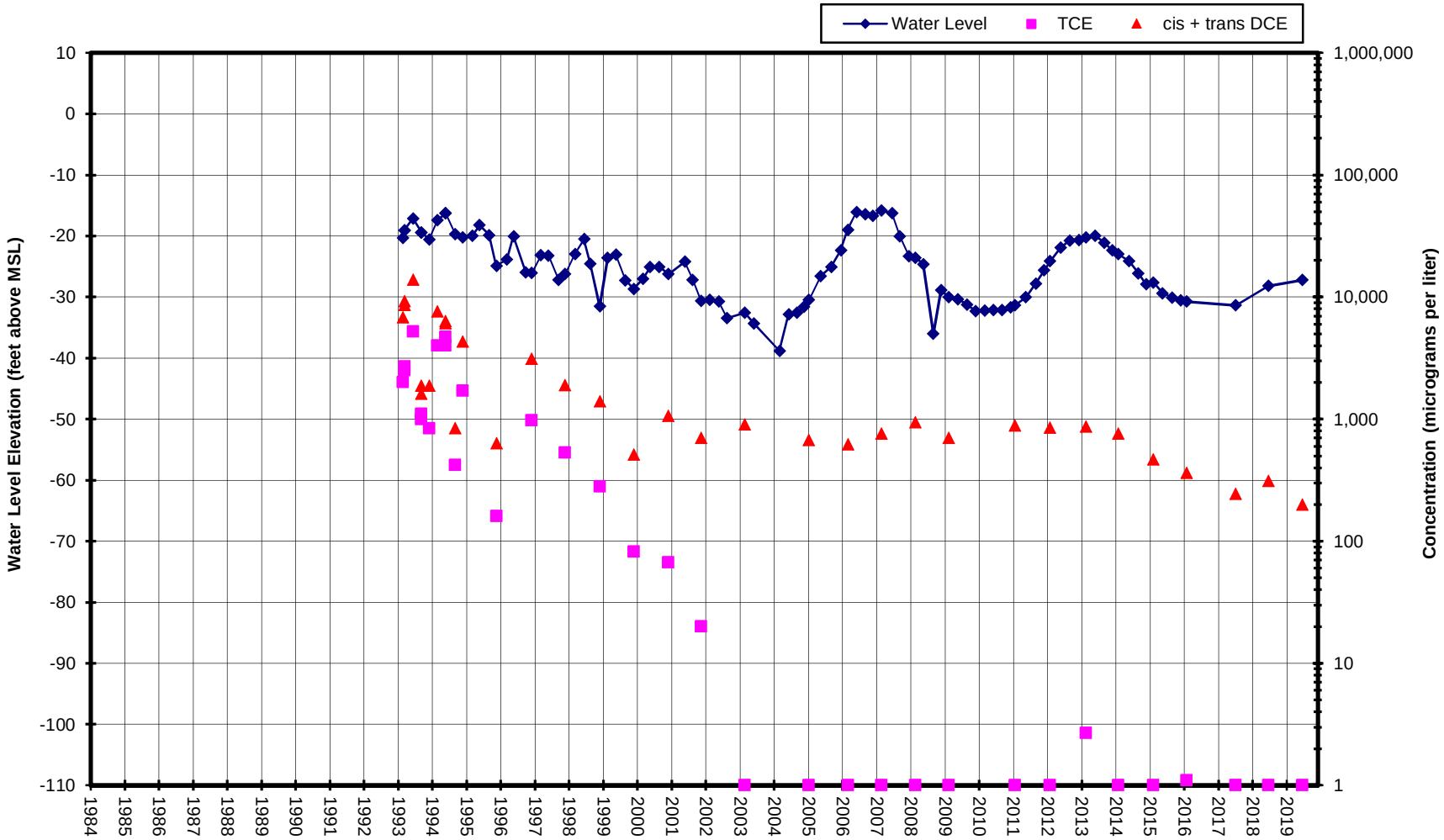
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Conexant Systems, Inc.
Newport Beach, California



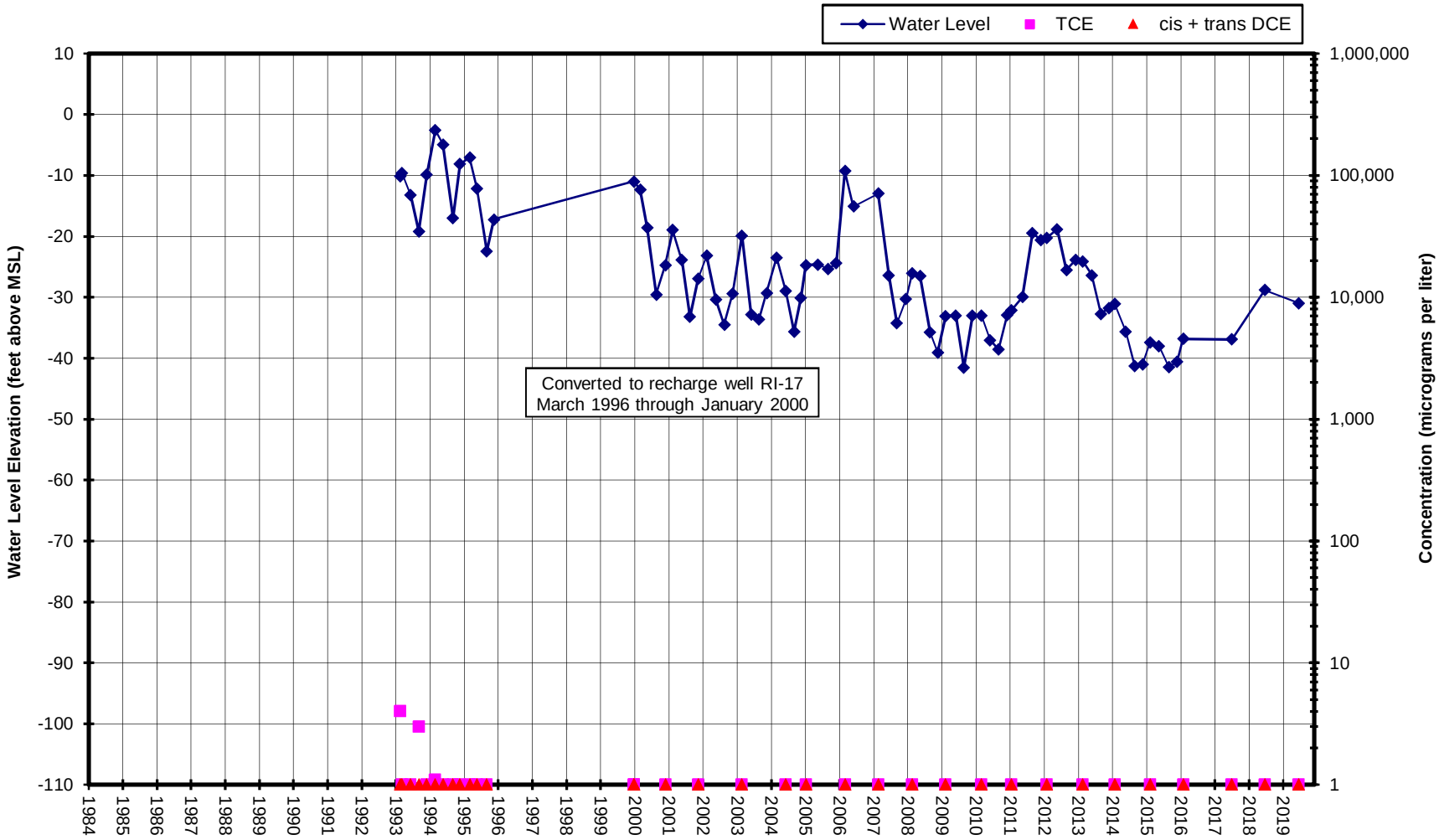
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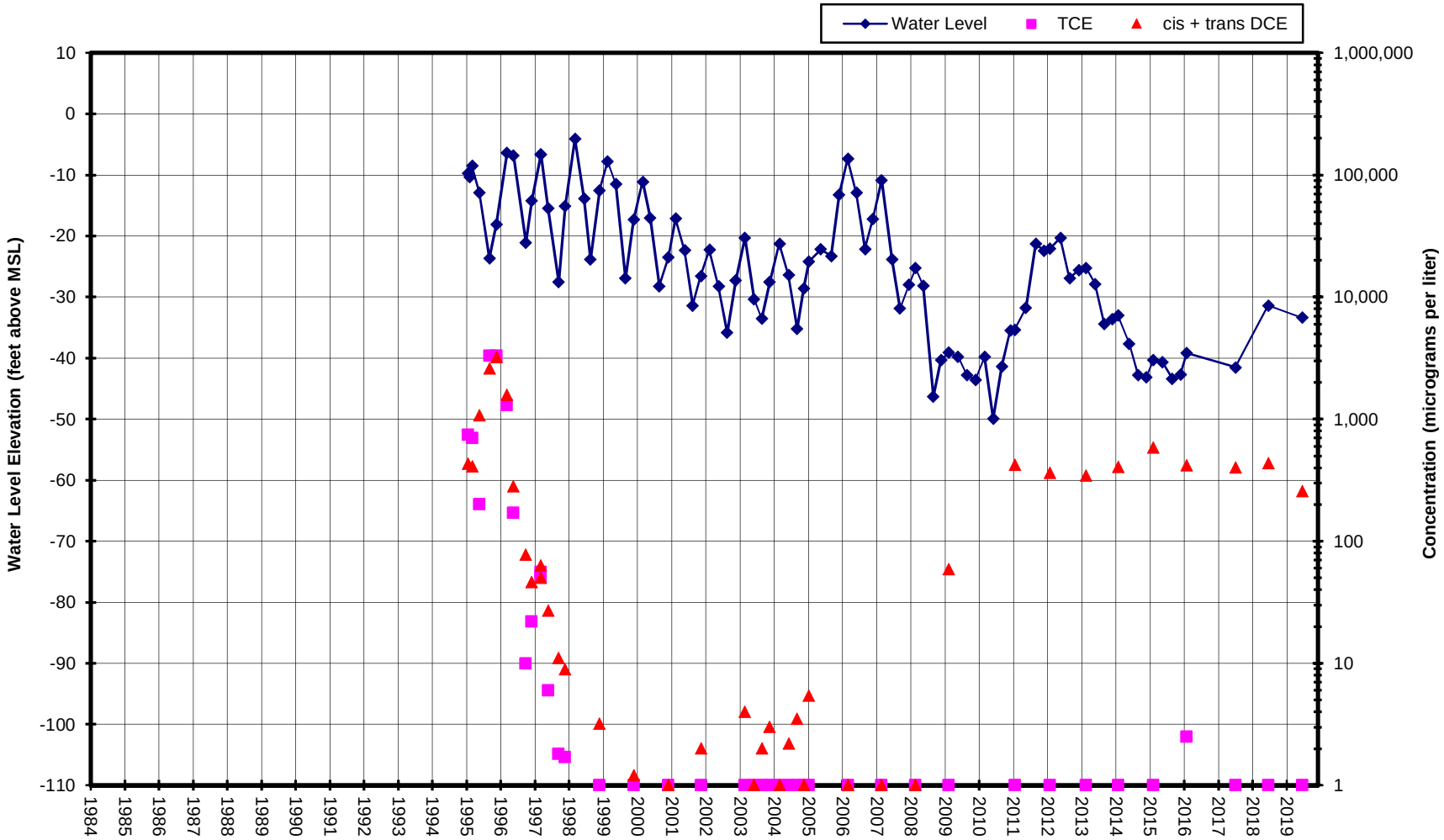
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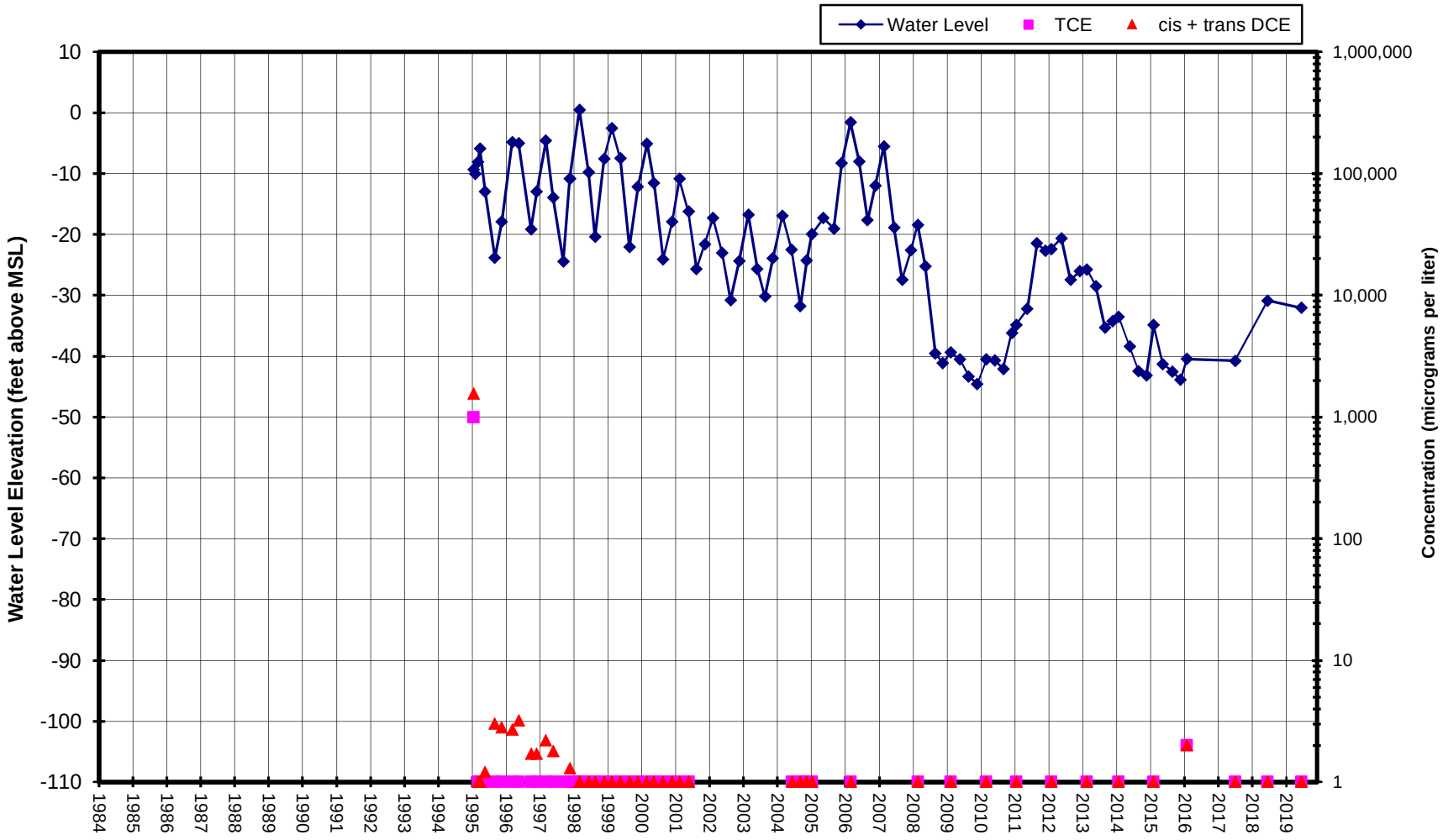
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Newport Beach, California



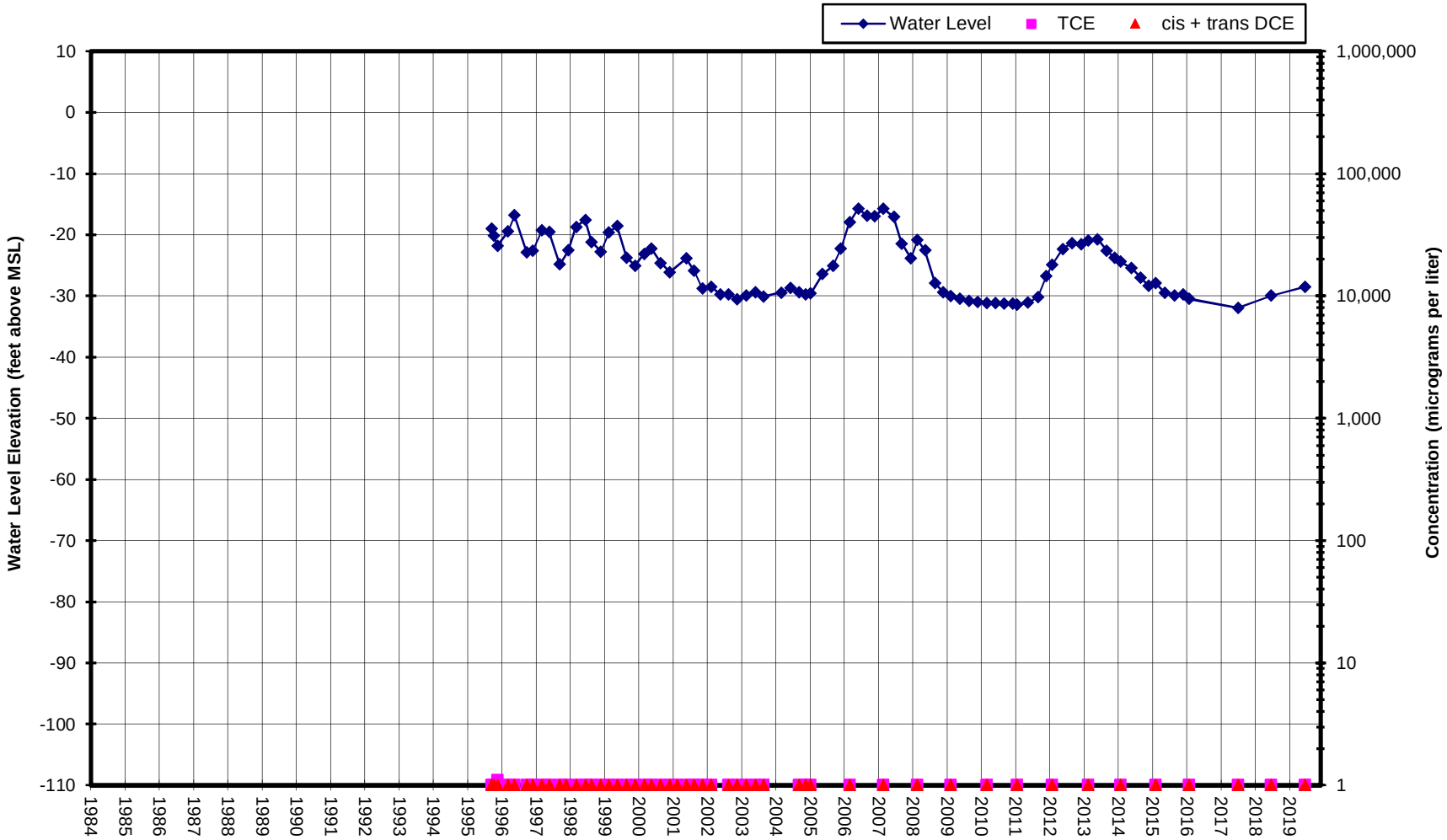
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Newport Beach, California



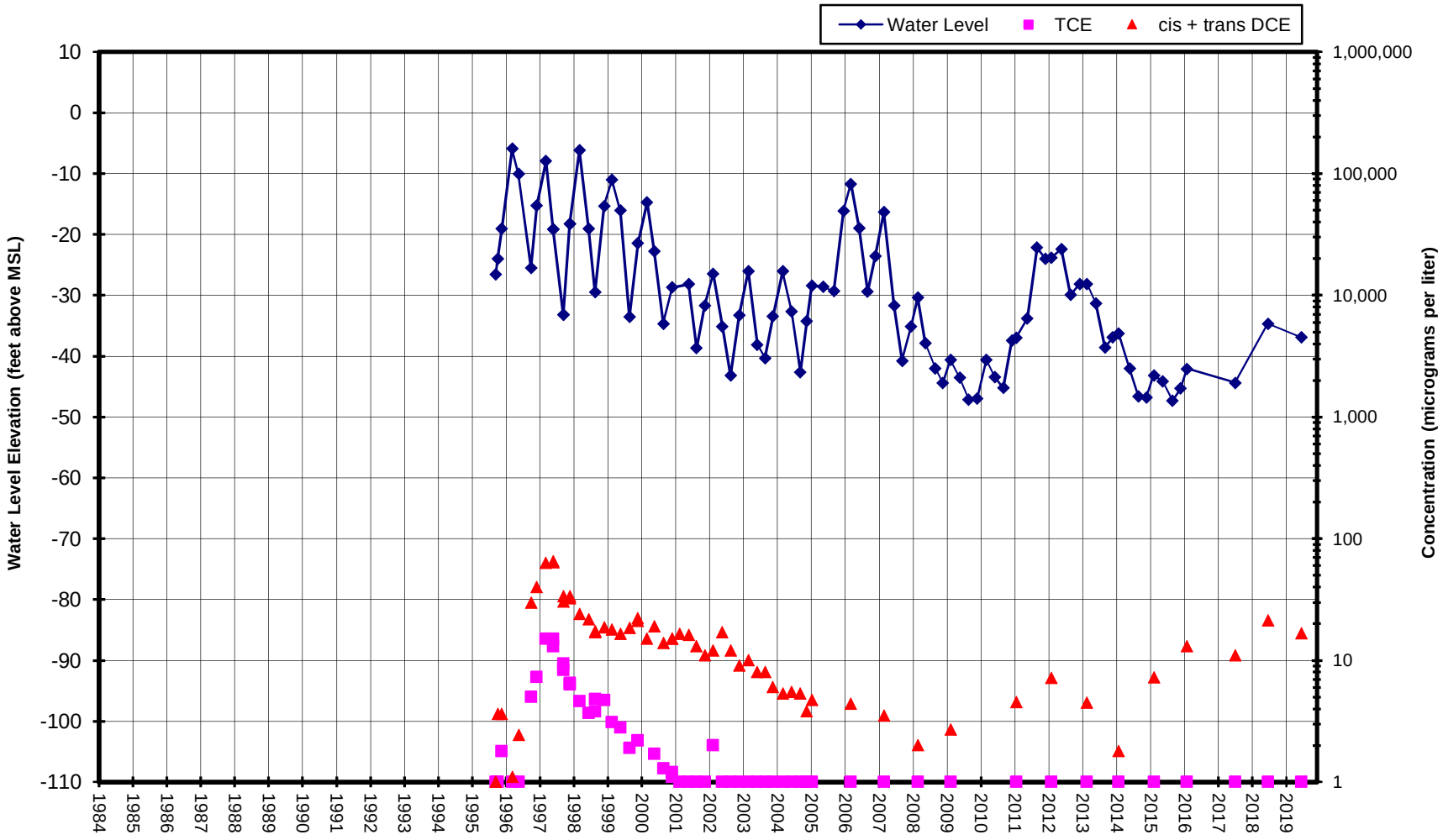
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Newport Beach, California



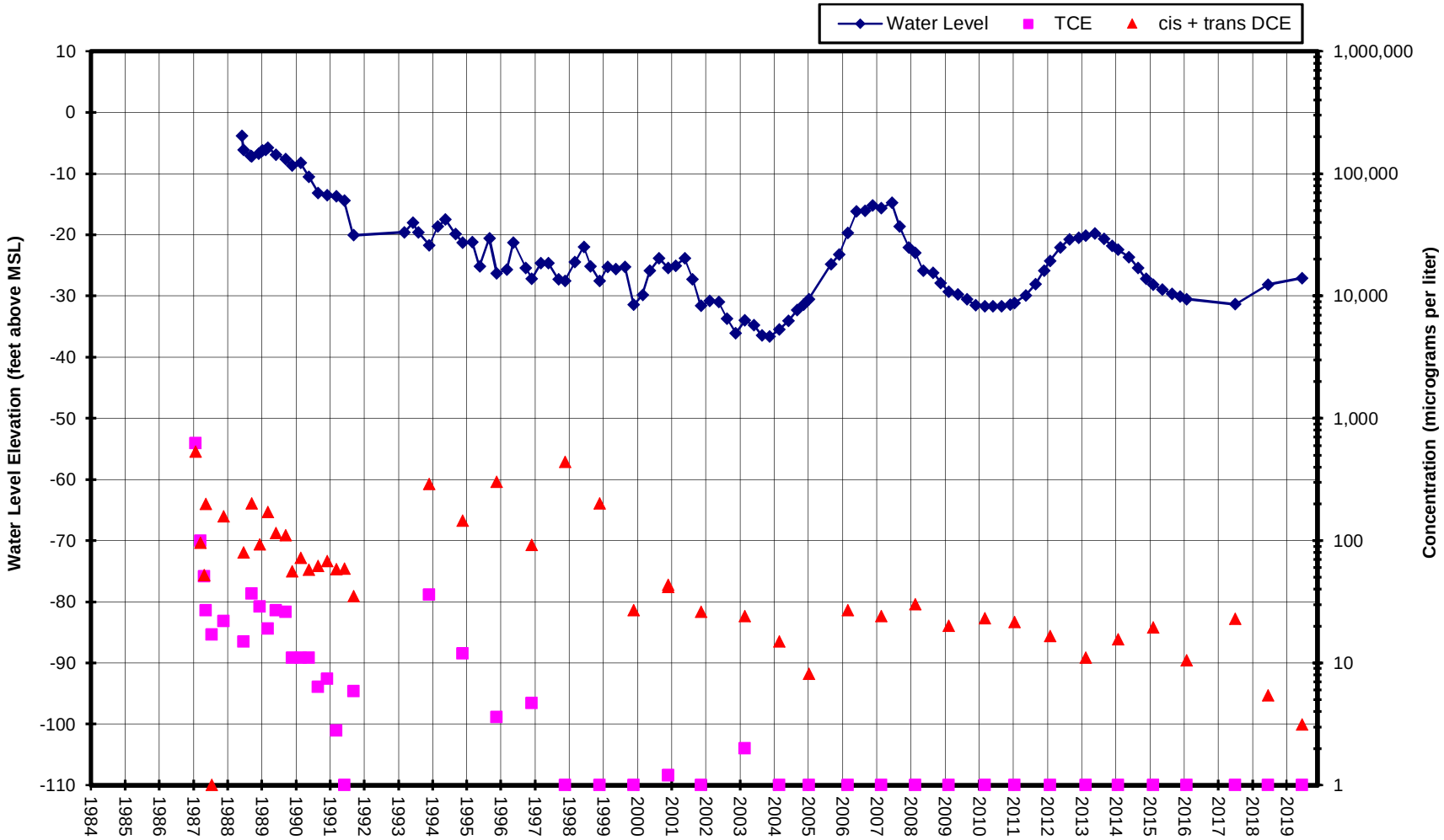
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Newport Beach, California



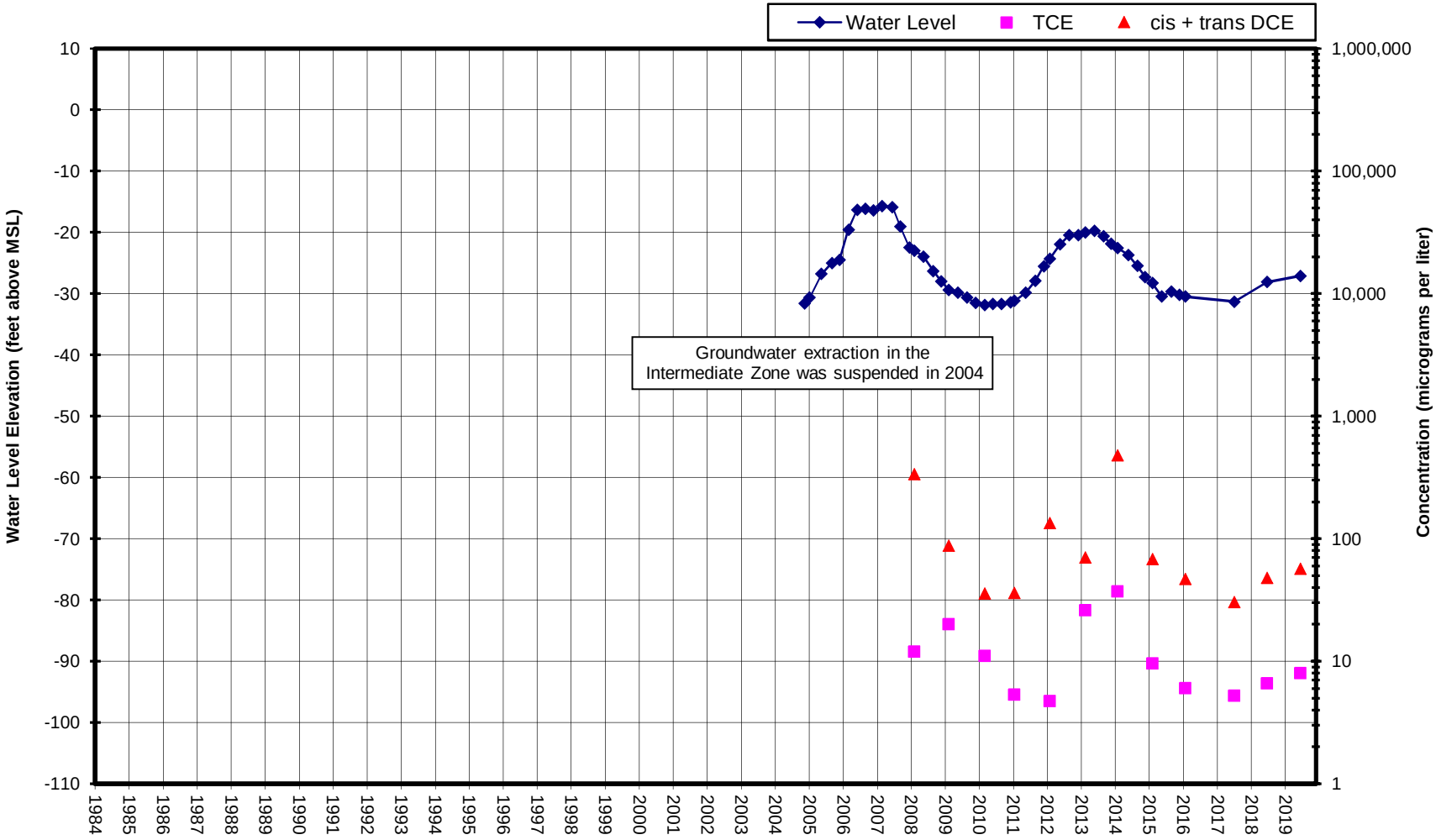
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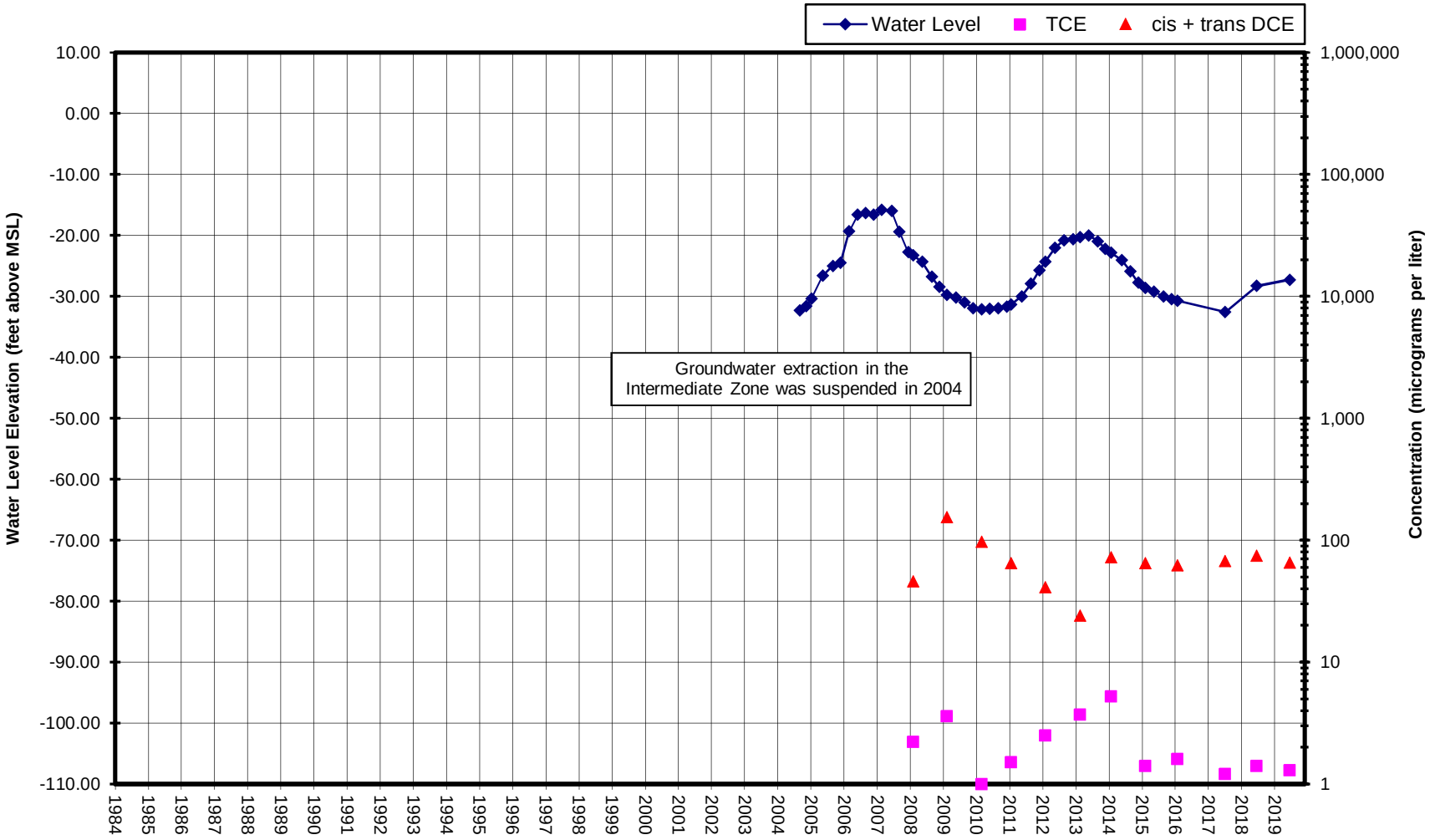
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Newport Beach, California



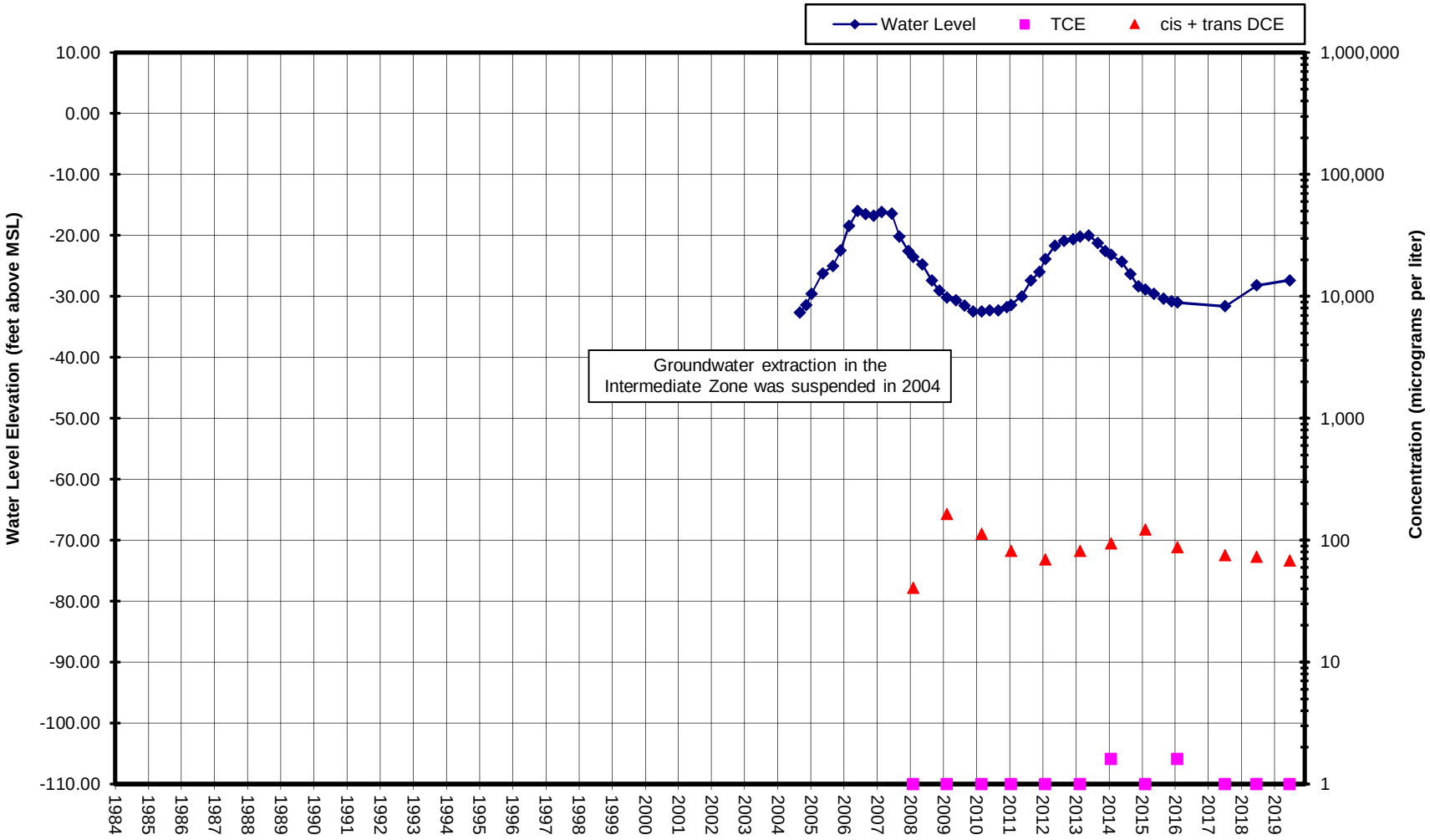
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Newport Beach, California



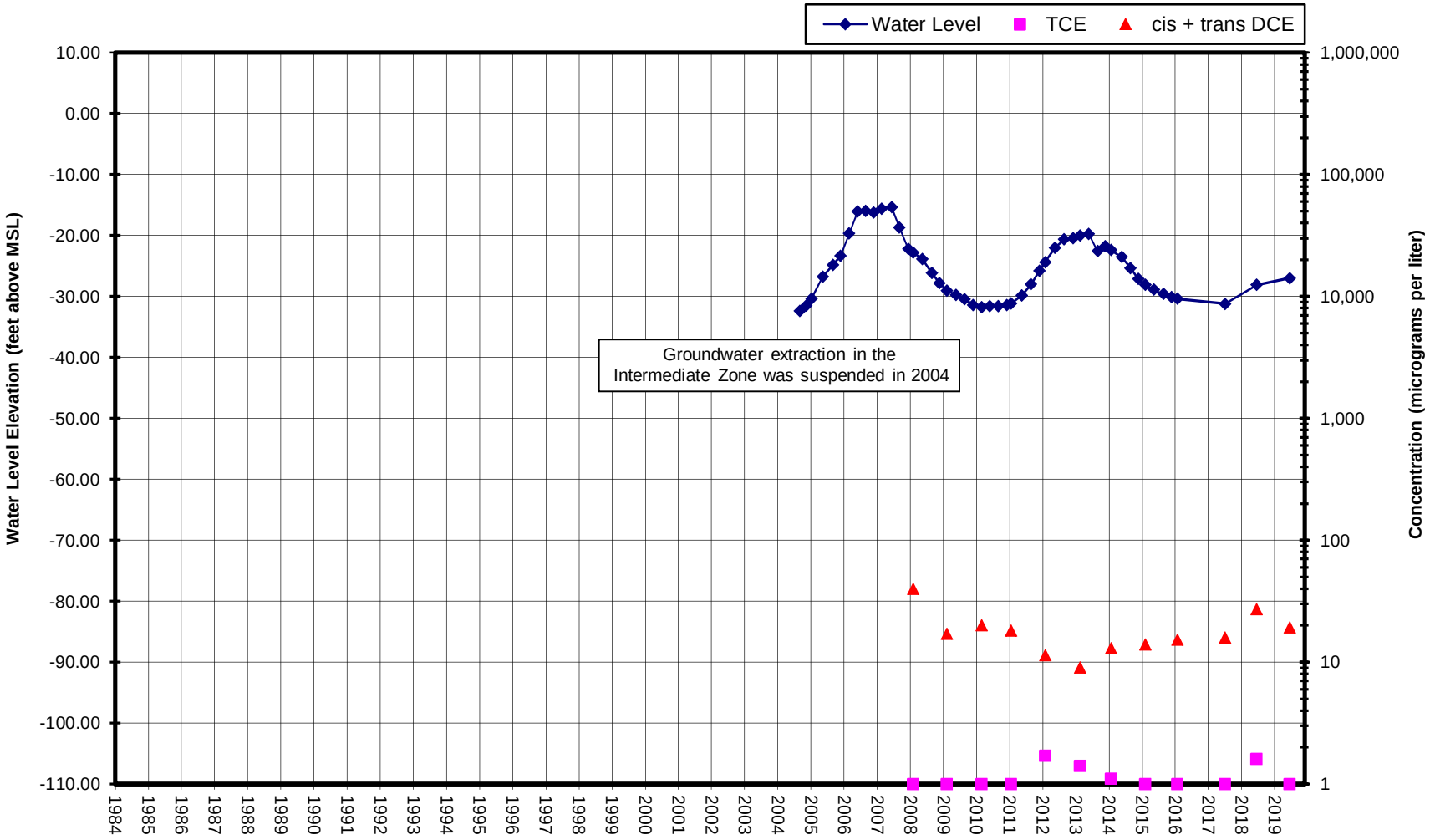
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Conexant Systems, Inc.
Newport Beach, California



MONITOR WELL EI-3
WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



MONITOR WELL EI-4A
WATER LEVEL ELEVATIONS AND VOC CONCENTRATIONS
Conexant Systems, Inc.
Newport Beach, California



APPENDIX B

2019 GROUNDWATER LABORATORY REPORTS

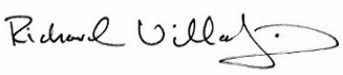
ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-2251-1
Client Project/Site: Former Conexant Systems
Revision: 1

For:
Jacob & Hefner Associates P.C.
4680 East Los Angeles Avenue
Suite O
Simi Valley, California 93063

Attn: Stacie L Aichner



Authorized for release by:
8/8/2019 12:23:12 PM

Richard Villafania, Project Manager I
(714)895-5494
richardvillafania@eurofinsus.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance limits.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 570-2251-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-2251-1

Comments
No additional comments.

Receipt
The samples were received on 7/18/2019 5:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): DUP-1 (570-2251-12). (-12) Received 3 containers instead of 8.

GC/MS VOA
Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 570-7552 recovered above the upper control limit for Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: I-3 (570-2251-7), M-30 (570-2251-8), M-29 (570-2251-9), I-4R (570-2251-11), DUP-1 (570-2251-12), M-48R (570-2251-13), ES-6 (570-2251-14), I-15 (570-2251-15), I-17 (570-2251-17) and (CCVIS 570-7552/2).

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 570-7552 recovered outside control limits for the following analytes: Tetrachloroethene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for analytical batch 570-7552 recovered outside control limits for the following analyte(s): Vinyl acetate. Vinyl Acetate recovery is within ME range, samples ND for compound.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC
Method(s) 300.0: Due to the high concentration of Nitrate as N, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-6261 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) VFA - HPLC: Due to the high concentration of Acetic acid, Butyric acid and Propionic acid, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-7271 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) VFA - HPLC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Propionic acid were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Air Toxics
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-8028 and analytical batch 570-8824 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6010B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-7356 and analytical batch 570-8832 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Job ID: 570-2251-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

Analyte - Manganese

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-8028 and analytical batch 570-8832 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. Analyte - Iron

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Lab Admin
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Client Sample ID: TB-1 — Lab Sample ID: 570-2251-1

No Detections.

Client Sample ID: ES-2 — Lab Sample ID: 570-2251-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.25	J	0.50	0.072	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		0.50	0.11	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	3.9		0.50	0.082	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.87		0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.19	J	0.50	0.10	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.32	J	0.50	0.24	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.82		0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	4.6		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	11		0.50	0.078	ug/L	1		8260B	Total/NA
1,4-Dioxane	51		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethylene	0.13	J	1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	0.83	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA
Chloride	130		5.0	2.4	mg/L	5		300.0	Total/NA
Nitrate as N	0.21		0.10	0.045	mg/L	1		300.0	Total/NA
Sulfate	150		5.0	2.4	mg/L	5		300.0	Total/NA
Manganese	0.169		0.0500	0.00405	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	329		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	855		0.0500	0.0435	mg/L	1		SM 2540C	Total/NA
Carbon, Total Organic	1.73		0.500	0.0259	mg/L	1		SM 5310D	Total/NA

Client Sample ID: ES-3A — Lab Sample ID: 570-2251-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.5	J	10	4.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.49	J	0.50	0.11	ug/L	1		8260B	Total/NA
Methylene Chloride	0.056	J	1.0	0.043	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.16	J	0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	0.19	J	0.50	0.10	ug/L	1		8260B	Total/NA
Methane	4.8		1.0	0.0080	ug/L	1		RSK-175	Total/NA
Chloride	75		1.0	0.49	mg/L	1		300.0	Total/NA
Sulfate	130		2.0	0.98	mg/L	2		300.0	Total/NA
Iron	7.19		0.500	0.123	mg/L	1		6010B	Total/NA
Manganese	0.547		0.0500	0.00405	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	262		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	615		0.0500	0.0435	mg/L	1		SM 2540C	Total/NA
Carbon, Total Organic	2.27		0.500	0.0259	mg/L	1		SM 5310D	Total/NA

Client Sample ID: I-19 — Lab Sample ID: 570-2251-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.39	J	0.50	0.11	ug/L	1		8260B	Total/NA
Methane	2.0		1.0	0.0080	ug/L	1		RSK-175	Total/NA
Chloride	120		10	4.9	mg/L	10		300.0	Total/NA
Sulfate	260		10	4.9	mg/L	10		300.0	Total/NA
Iron	0.435	J	0.500	0.123	mg/L	1		6010B	Total/NA
Iron	0.160	J	0.500	0.123	mg/L	1		6010B	Dissolved
Manganese	0.220		0.0500	0.00405	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	547		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1180		0.0500	0.0435	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: I-19 (Continued) — Lab Sample ID: 570-2251-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon, Total Organic	3.05		0.500	0.0259	mg/L	1		SM 5310D	Total/NA

Client Sample ID: I-18 — Lab Sample ID: 570-2251-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	200		10	2.2	ug/L	20		8260B	Total/NA
1,1-Dichloroethane	5.0	J	10	1.2	ug/L	20		8260B	Total/NA
trans-1,2-Dichloroethene	56		10	1.6	ug/L	20		8260B	Total/NA
Vinyl chloride	400		10	1.6	ug/L	20		8260B	Total/NA
1,4-Dioxane	24		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethane	0.041	J	1.0	0.033	ug/L	1		RSK-175	Total/NA
Ethylene	5.0		1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	90		1.0	0.0080	ug/L	1		RSK-175	Total/NA
Chloride	140		10	4.9	mg/L	10		300.0	Total/NA
Sulfate	420		10	4.9	mg/L	10		300.0	Total/NA
Manganese	0.0255	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	142		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1120		0.0500	0.0435	mg/L	1		SM 2540C	Total/NA
Carbon, Total Organic	1.69		0.500	0.0259	mg/L	1		SM 5310D	Total/NA

Client Sample ID: ES-1 — Lab Sample ID: 570-2251-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.38	J	0.50	0.062	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	8.0		0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.20	J	0.50	0.10	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.38	J	0.50	0.24	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.28	J	0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	1.9		0.50	0.10	ug/L	1		8260B	Total/NA
Methane	0.39	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-3 — Lab Sample ID: 570-2251-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.33	J	0.50	0.11	ug/L	1		8260B	Total/NA
Methane	16		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: M-30 — Lab Sample ID: 570-2251-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	0.54	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: M-29 — Lab Sample ID: 570-2251-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	10		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: M-24 — Lab Sample ID: 570-2251-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.19	J	0.50	0.062	ug/L	1		8260B	Total/NA
Naphthalene	0.59	J	1.0	0.097	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.33	J	0.50	0.24	ug/L	1		8260B	Total/NA
Trichloroethene	0.20	J	0.50	0.10	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: M-24 (Continued) — Lab Sample ID: 570-2251-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.18	J	0.50	0.068	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.12	J	0.50	0.079	ug/L	1		8260B	Total/NA
Methane	0.028	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-4R — Lab Sample ID: 570-2251-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.58		0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.064	J	0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.25	J	0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	8.7		0.50	0.078	ug/L	1		8260B	Total/NA
1,4-Dioxane	0.98	J	1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethylene	0.22	J	1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	3.0		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 570-2251-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.64		0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.073	J	0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.28	J	0.50	0.10	ug/L	1		8260B	Total/NA
Trichloroethene	0.11	J	0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	10		0.50	0.078	ug/L	1		8260B	Total/NA

Client Sample ID: M-48R — Lab Sample ID: 570-2251-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylene	0.060	J	1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	12		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: ES-6 — Lab Sample ID: 570-2251-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		0.50	0.11	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.15	J	0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	0.14	J	0.50	0.10	ug/L	1		8260B	Total/NA
Methane	1.7		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-15 — Lab Sample ID: 570-2251-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.64	J	1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Methane	0.057	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-16 — Lab Sample ID: 570-2251-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	160		5.0	1.1	ug/L	10		8260B	Total/NA
1,1-Dichloroethane	4.1	J	5.0	0.60	ug/L	10		8260B	Total/NA
1,1-Dichloroethene	1.1	J	5.0	1.0	ug/L	10		8260B	Total/NA
trans-1,2-Dichloroethene	38		5.0	0.82	ug/L	10		8260B	Total/NA
Vinyl chloride	260		5.0	0.78	ug/L	10		8260B	Total/NA
1,4-Dioxane	2.9		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethylene	1.1		1.0	0.051	ug/L	1		RSK-175	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: I-16 (Continued)

Lab Sample ID: 570-2251-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	3.4		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-17

Lab Sample ID: 570-2251-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	0.50	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-11

Lab Sample ID: 570-2251-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	170		2.5	0.54	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	1.7	J	2.5	0.30	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	1.0	J	2.5	0.51	ug/L	5		8260B	Total/NA
trans-1,2-Dichloroethene	32		2.5	0.41	ug/L	5		8260B	Total/NA
Trichloroethene	1.1	J	2.5	0.51	ug/L	5		8260B	Total/NA
Vinyl chloride	44		2.5	0.39	ug/L	5		8260B	Total/NA
1,4-Dioxane	1.5		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethylene	0.26	J	1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	2.1		1.0	0.0080	ug/L	1		RSK-175	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-1
Date Collected: 07/18/19 08:00
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/23/19 23:40	1
Benzene	ND		0.50	0.072	ug/L			07/23/19 23:40	1
Bromobenzene	ND		0.50	0.061	ug/L			07/23/19 23:40	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/23/19 23:40	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/23/19 23:40	1
Bromoform	ND		0.50	0.096	ug/L			07/23/19 23:40	1
Bromomethane	ND		2.0	0.99	ug/L			07/23/19 23:40	1
2-Butanone	ND		5.0	0.46	ug/L			07/23/19 23:40	1
Carbon disulfide	ND		10	0.39	ug/L			07/23/19 23:40	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/23/19 23:40	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/23/19 23:40	1
Chloroethane	ND		0.50	0.12	ug/L			07/23/19 23:40	1
Chloroform	ND		0.50	0.062	ug/L			07/23/19 23:40	1
Chloromethane	ND		5.0	2.0	ug/L			07/23/19 23:40	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/23/19 23:40	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/23/19 23:40	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/23/19 23:40	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/23/19 23:40	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/23/19 23:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/23/19 23:40	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/23/19 23:40	1
Dibromomethane	ND		0.50	0.13	ug/L			07/23/19 23:40	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/23/19 23:40	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/23/19 23:40	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/23/19 23:40	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/23/19 23:40	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/23/19 23:40	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/23/19 23:40	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/23/19 23:40	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/23/19 23:40	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/23/19 23:40	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/23/19 23:40	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/23/19 23:40	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/23/19 23:40	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/23/19 23:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/23/19 23:40	1
2-Hexanone	ND		10	0.50	ug/L			07/23/19 23:40	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/23/19 23:40	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/23/19 23:40	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/23/19 23:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/23/19 23:40	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/23/19 23:40	1
Naphthalene	ND		1.0	0.097	ug/L			07/23/19 23:40	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/23/19 23:40	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/23/19 23:40	1
o-Xylene	ND		0.50	0.086	ug/L			07/23/19 23:40	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/23/19 23:40	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/23/19 23:40	1
Styrene	ND		0.50	0.059	ug/L			07/23/19 23:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-1
Date Collected: 07/18/19 08:00
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/23/19 23:40	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/23/19 23:40	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/23/19 23:40	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/23/19 23:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/23/19 23:40	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/23/19 23:40	1
Toluene	ND		0.50	0.093	ug/L			07/23/19 23:40	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/23/19 23:40	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/23/19 23:40	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/23/19 23:40	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/23/19 23:40	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/23/19 23:40	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/23/19 23:40	1
Trichloroethene	ND		0.50	0.10	ug/L			07/23/19 23:40	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/23/19 23:40	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/23/19 23:40	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/23/19 23:40	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/23/19 23:40	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/23/19 23:40	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/23/19 23:40	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/23/19 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*68 - 120*		*07/23/19 23:40*	*1*
Dibromofluoromethane	*103*		*80 - 127*		*07/23/19 23:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*		*07/23/19 23:40*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/23/19 23:40*	*1*

Client Sample ID: ES-2
Date Collected: 07/18/19 13:55
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/24/19 00:06	1
Benzene	**0.25**	**J**	0.50	0.072	ug/L			07/24/19 00:06	1
Bromobenzene	ND		0.50	0.061	ug/L			07/24/19 00:06	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/24/19 00:06	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/24/19 00:06	1
Bromoform	ND		0.50	0.096	ug/L			07/24/19 00:06	1
Bromomethane	ND		2.0	0.99	ug/L			07/24/19 00:06	1
2-Butanone	ND		5.0	0.46	ug/L			07/24/19 00:06	1
Carbon disulfide	ND		10	0.39	ug/L			07/24/19 00:06	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/24/19 00:06	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/24/19 00:06	1
Chloroethane	ND		0.50	0.12	ug/L			07/24/19 00:06	1
Chloroform	ND		0.50	0.062	ug/L			07/24/19 00:06	1
Chloromethane	ND		5.0	2.0	ug/L			07/24/19 00:06	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/24/19 00:06	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/24/19 00:06	1
cis-1,2-Dichloroethene	**16**		0.50	0.11	ug/L			07/24/19 00:06	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/24/19 00:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: ES-2
Date Collected: 07/18/19 13:55
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		0.50	0.064	ug/L			07/24/19 00:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/24/19 00:06	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/24/19 00:06	1
Dibromomethane	ND		0.50	0.13	ug/L			07/24/19 00:06	1
1,2-Dichlorobenzene	**3.9**		0.50	0.082	ug/L			07/24/19 00:06	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/24/19 00:06	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/24/19 00:06	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/24/19 00:06	1
1,1-Dichloroethane	**0.87**		0.50	0.060	ug/L			07/24/19 00:06	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/24/19 00:06	1
1,1-Dichloroethene	**0.19**	**J**	0.50	0.10	ug/L			07/24/19 00:06	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/24/19 00:06	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/24/19 00:06	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/24/19 00:06	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/24/19 00:06	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/24/19 00:06	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/24/19 00:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/24/19 00:06	1
2-Hexanone	ND		10	0.50	ug/L			07/24/19 00:06	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/24/19 00:06	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/24/19 00:06	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/24/19 00:06	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/24/19 00:06	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/24/19 00:06	1
Naphthalene	ND		1.0	0.097	ug/L			07/24/19 00:06	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/24/19 00:06	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/24/19 00:06	1
o-Xylene	ND		0.50	0.086	ug/L			07/24/19 00:06	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/24/19 00:06	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/24/19 00:06	1
Styrene	ND		0.50	0.059	ug/L			07/24/19 00:06	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/24/19 00:06	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/24/19 00:06	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/24/19 00:06	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/24/19 00:06	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/24/19 00:06	1
Tetrachloroethene	**0.32**	**J**	0.50	0.24	ug/L			07/24/19 00:06	1
Toluene	ND		0.50	0.093	ug/L			07/24/19 00:06	1
trans-1,2-Dichloroethene	**0.82**		0.50	0.082	ug/L			07/24/19 00:06	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/24/19 00:06	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/24/19 00:06	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/24/19 00:06	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/24/19 00:06	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/24/19 00:06	1
Trichloroethene	**4.6**		0.50	0.10	ug/L			07/24/19 00:06	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/24/19 00:06	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/24/19 00:06	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/24/19 00:06	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/24/19 00:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: ES-2
Date Collected: 07/18/19 13:55
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		5.0	0.70	ug/L			07/24/19 00:06	1
Vinyl chloride	**11**		0.50	0.078	ug/L			07/24/19 00:06	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/24/19 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*07/24/19 00:06*	*1*
Dibromofluoromethane	*100*		*80 - 127*		*07/24/19 00:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 128*		*07/24/19 00:06*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/24/19 00:06*	*1*

Client Sample ID: ES-3A
Date Collected: 07/18/19 13:05
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.5**	**J**	10	4.0	ug/L			07/24/19 00:31	1
Benzene	ND		0.50	0.072	ug/L			07/24/19 00:31	1
Bromobenzene	ND		0.50	0.061	ug/L			07/24/19 00:31	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/24/19 00:31	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/24/19 00:31	1
Bromoform	ND		0.50	0.096	ug/L			07/24/19 00:31	1
Bromomethane	ND		2.0	0.99	ug/L			07/24/19 00:31	1
2-Butanone	ND		5.0	0.46	ug/L			07/24/19 00:31	1
Carbon disulfide	ND		10	0.39	ug/L			07/24/19 00:31	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/24/19 00:31	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/24/19 00:31	1
Chloroethane	ND		0.50	0.12	ug/L			07/24/19 00:31	1
Chloroform	ND		0.50	0.062	ug/L			07/24/19 00:31	1
Chloromethane	ND		5.0	2.0	ug/L			07/24/19 00:31	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/24/19 00:31	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/24/19 00:31	1
cis-1,2-Dichloroethene	**0.49**	**J**	0.50	0.11	ug/L			07/24/19 00:31	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/24/19 00:31	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/24/19 00:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/24/19 00:31	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/24/19 00:31	1
Dibromomethane	ND		0.50	0.13	ug/L			07/24/19 00:31	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/24/19 00:31	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/24/19 00:31	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/24/19 00:31	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/24/19 00:31	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/24/19 00:31	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/24/19 00:31	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/24/19 00:31	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/24/19 00:31	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/24/19 00:31	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/24/19 00:31	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/24/19 00:31	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/24/19 00:31	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/24/19 00:31	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/24/19 00:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: ES-3A
Date Collected: 07/18/19 13:05
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		10	0.50	ug/L			07/24/19 00:31	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/24/19 00:31	1
Methylene Chloride	**0.056**	**J**	1.0	0.043	ug/L			07/24/19 00:31	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/24/19 00:31	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/24/19 00:31	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/24/19 00:31	1
Naphthalene	ND		1.0	0.097	ug/L			07/24/19 00:31	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/24/19 00:31	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/24/19 00:31	1
o-Xylene	ND		0.50	0.086	ug/L			07/24/19 00:31	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/24/19 00:31	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/24/19 00:31	1
Styrene	ND		0.50	0.059	ug/L			07/24/19 00:31	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/24/19 00:31	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/24/19 00:31	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/24/19 00:31	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/24/19 00:31	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/24/19 00:31	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/24/19 00:31	1
Toluene	ND		0.50	0.093	ug/L			07/24/19 00:31	1
trans-1,2-Dichloroethene	**0.16**	**J**	0.50	0.082	ug/L			07/24/19 00:31	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/24/19 00:31	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/24/19 00:31	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/24/19 00:31	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/24/19 00:31	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/24/19 00:31	1
Trichloroethene	**0.19**	**J**	0.50	0.10	ug/L			07/24/19 00:31	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/24/19 00:31	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/24/19 00:31	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/24/19 00:31	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/24/19 00:31	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/24/19 00:31	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/24/19 00:31	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/24/19 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*68 - 120*		*07/24/19 00:31*	*1*
Dibromofluoromethane	*98*		*80 - 127*		*07/24/19 00:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*		*07/24/19 00:31*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/24/19 00:31*	*1*

Client Sample ID: I-19
Date Collected: 07/18/19 11:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/24/19 00:57	1
Benzene	ND		0.50	0.072	ug/L			07/24/19 00:57	1
Bromobenzene	ND		0.50	0.061	ug/L			07/24/19 00:57	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/24/19 00:57	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/24/19 00:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-19
Date Collected: 07/18/19 11:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.50	0.096	ug/L			07/24/19 00:57	1
Bromomethane	ND		2.0	0.99	ug/L			07/24/19 00:57	1
2-Butanone	ND		5.0	0.46	ug/L			07/24/19 00:57	1
Carbon disulfide	ND		10	0.39	ug/L			07/24/19 00:57	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/24/19 00:57	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/24/19 00:57	1
Chloroethane	ND		0.50	0.12	ug/L			07/24/19 00:57	1
Chloroform	ND		0.50	0.062	ug/L			07/24/19 00:57	1
Chloromethane	ND		5.0	2.0	ug/L			07/24/19 00:57	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/24/19 00:57	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/24/19 00:57	1
cis-1,2-Dichloroethene	**0.39**	**J**	0.50	0.11	ug/L			07/24/19 00:57	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/24/19 00:57	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/24/19 00:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/24/19 00:57	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/24/19 00:57	1
Dibromomethane	ND		0.50	0.13	ug/L			07/24/19 00:57	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/24/19 00:57	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/24/19 00:57	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/24/19 00:57	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/24/19 00:57	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/24/19 00:57	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/24/19 00:57	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/24/19 00:57	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/24/19 00:57	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/24/19 00:57	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/24/19 00:57	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/24/19 00:57	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/24/19 00:57	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/24/19 00:57	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/24/19 00:57	1
2-Hexanone	ND		10	0.50	ug/L			07/24/19 00:57	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/24/19 00:57	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/24/19 00:57	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/24/19 00:57	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/24/19 00:57	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/24/19 00:57	1
Naphthalene	ND		1.0	0.097	ug/L			07/24/19 00:57	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/24/19 00:57	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/24/19 00:57	1
o-Xylene	ND		0.50	0.086	ug/L			07/24/19 00:57	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/24/19 00:57	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/24/19 00:57	1
Styrene	ND		0.50	0.059	ug/L			07/24/19 00:57	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/24/19 00:57	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/24/19 00:57	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/24/19 00:57	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/24/19 00:57	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/24/19 00:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-19
Date Collected: 07/18/19 11:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.24	ug/L			07/24/19 00:57	1
Toluene	ND		0.50	0.093	ug/L			07/24/19 00:57	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/24/19 00:57	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/24/19 00:57	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/24/19 00:57	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/24/19 00:57	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/24/19 00:57	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/24/19 00:57	1
Trichloroethene	ND		0.50	0.10	ug/L			07/24/19 00:57	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/24/19 00:57	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/24/19 00:57	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/24/19 00:57	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/24/19 00:57	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/24/19 00:57	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/24/19 00:57	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/24/19 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*68 - 120*		*07/24/19 00:57*	*1*
Dibromofluoromethane	*99*		*80 - 127*		*07/24/19 00:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*		*07/24/19 00:57*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/24/19 00:57*	*1*

Client Sample ID: I-18
Date Collected: 07/18/19 10:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		200	80	ug/L			07/24/19 01:22	20
Benzene	ND		10	1.4	ug/L			07/24/19 01:22	20
Bromobenzene	ND		10	1.2	ug/L			07/24/19 01:22	20
Bromochloromethane	ND		20	1.6	ug/L			07/24/19 01:22	20
Bromodichloromethane	ND		10	1.1	ug/L			07/24/19 01:22	20
Bromoform	ND		10	1.9	ug/L			07/24/19 01:22	20
Bromomethane	ND		40	20	ug/L			07/24/19 01:22	20
2-Butanone	ND		100	9.2	ug/L			07/24/19 01:22	20
Carbon disulfide	ND		200	7.7	ug/L			07/24/19 01:22	20
Carbon tetrachloride	ND		10	1.1	ug/L			07/24/19 01:22	20
Chlorobenzene	ND		10	1.8	ug/L			07/24/19 01:22	20
Chloroethane	ND		10	2.3	ug/L			07/24/19 01:22	20
Chloroform	ND		10	1.2	ug/L			07/24/19 01:22	20
Chloromethane	ND		100	39	ug/L			07/24/19 01:22	20
2-Chlorotoluene	ND		10	1.2	ug/L			07/24/19 01:22	20
4-Chlorotoluene	ND		10	1.8	ug/L			07/24/19 01:22	20
cis-1,2-Dichloroethene	**200**		10	2.2	ug/L			07/24/19 01:22	20
cis-1,3-Dichloropropene	ND		10	1.9	ug/L			07/24/19 01:22	20
Dibromochloromethane	ND		10	1.3	ug/L			07/24/19 01:22	20
1,2-Dibromo-3-Chloropropane	ND		100	10	ug/L			07/24/19 01:22	20
1,2-Dibromoethane	ND		10	1.2	ug/L			07/24/19 01:22	20
Dibromomethane	ND		10	2.5	ug/L			07/24/19 01:22	20
1,2-Dichlorobenzene	ND		10	1.6	ug/L			07/24/19 01:22	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-18
Date Collected: 07/18/19 10:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		10	2.0	ug/L			07/24/19 01:22	20
1,4-Dichlorobenzene	ND		10	1.5	ug/L			07/24/19 01:22	20
Dichlorodifluoromethane	ND		20	2.0	ug/L			07/24/19 01:22	20
1,1-Dichloroethane	**5.0**	**J**	10	1.2	ug/L			07/24/19 01:22	20
1,2-Dichloroethane	ND		10	1.5	ug/L			07/24/19 01:22	20
1,1-Dichloroethene	ND		10	2.1	ug/L			07/24/19 01:22	20
1,2-Dichloropropane	ND		10	2.0	ug/L			07/24/19 01:22	20
1,3-Dichloropropane	ND		20	1.6	ug/L			07/24/19 01:22	20
2,2-Dichloropropane	ND		20	7.5	ug/L			07/24/19 01:22	20
1,1-Dichloropropene	ND		10	1.4	ug/L			07/24/19 01:22	20
Di-isopropyl ether (DIPE)	ND		10	1.4	ug/L			07/24/19 01:22	20
Ethylbenzene	ND		10	1.7	ug/L			07/24/19 01:22	20
Ethyl-t-butyl ether (ETBE)	ND		10	1.7	ug/L			07/24/19 01:22	20
2-Hexanone	ND		200	10	ug/L			07/24/19 01:22	20
Isopropylbenzene	ND		10	1.5	ug/L			07/24/19 01:22	20
Methylene Chloride	ND		20	0.85	ug/L			07/24/19 01:22	20
4-Methyl-2-pentanone	ND		100	8.3	ug/L			07/24/19 01:22	20
Methyl-t-Butyl Ether (MTBE)	ND		10	1.3	ug/L			07/24/19 01:22	20
m,p-Xylene	ND		20	3.0	ug/L			07/24/19 01:22	20
Naphthalene	ND		20	1.9	ug/L			07/24/19 01:22	20
n-Butylbenzene	ND		10	2.2	ug/L			07/24/19 01:22	20
N-Propylbenzene	ND		10	1.5	ug/L			07/24/19 01:22	20
o-Xylene	ND		10	1.7	ug/L			07/24/19 01:22	20
p-Isopropyltoluene	ND		10	1.5	ug/L			07/24/19 01:22	20
sec-Butylbenzene	ND		10	1.9	ug/L			07/24/19 01:22	20
Styrene	ND		10	1.2	ug/L			07/24/19 01:22	20
Tert-amyl-methyl ether (TAME)	ND		10	2.0	ug/L			07/24/19 01:22	20
tert-Butyl alcohol (TBA)	ND		200	80	ug/L			07/24/19 01:22	20
tert-Butylbenzene	ND		10	1.6	ug/L			07/24/19 01:22	20
1,1,1,2-Tetrachloroethane	ND		10	1.4	ug/L			07/24/19 01:22	20
1,1,2,2-Tetrachloroethane	ND		10	1.7	ug/L			07/24/19 01:22	20
Tetrachloroethene	ND		10	4.8	ug/L			07/24/19 01:22	20
Toluene	ND		10	1.9	ug/L			07/24/19 01:22	20
trans-1,2-Dichloroethene	**56**		10	1.6	ug/L			07/24/19 01:22	20
trans-1,3-Dichloropropene	ND		10	1.1	ug/L			07/24/19 01:22	20
1,2,3-Trichlorobenzene	ND		10	2.4	ug/L			07/24/19 01:22	20
1,2,4-Trichlorobenzene	ND		10	1.8	ug/L			07/24/19 01:22	20
1,1,1-Trichloroethane	ND		10	1.7	ug/L			07/24/19 01:22	20
1,1,2-Trichloroethane	ND		10	1.4	ug/L			07/24/19 01:22	20
Trichloroethene	ND		10	2.0	ug/L			07/24/19 01:22	20
Trichlorofluoromethane	ND		10	2.1	ug/L			07/24/19 01:22	20
1,2,3-Trichloropropane	ND		20	1.5	ug/L			07/24/19 01:22	20
1,2,4-Trimethylbenzene	ND		10	1.4	ug/L			07/24/19 01:22	20
1,3,5-Trimethylbenzene	ND		10	1.6	ug/L			07/24/19 01:22	20
Vinyl acetate	ND		100	14	ug/L			07/24/19 01:22	20
Vinyl chloride	**400**		10	1.6	ug/L			07/24/19 01:22	20
Hexachloro-1,3-butadiene	ND		40	12	ug/L			07/24/19 01:22	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*07/24/19 01:22*	*20*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-18
Date Collected: 07/18/19 10:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-5
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*101*		*80 - 127*		*07/24/19 01:22*	*20*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*		*07/24/19 01:22*	*20*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/24/19 01:22*	*20*

Client Sample ID: ES-1
Date Collected: 07/18/19 13:50
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/24/19 01:48	1
Benzene	ND		0.50	0.072	ug/L			07/24/19 01:48	1
Bromobenzene	ND		0.50	0.061	ug/L			07/24/19 01:48	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/24/19 01:48	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/24/19 01:48	1
Bromoform	ND		0.50	0.096	ug/L			07/24/19 01:48	1
Bromomethane	ND		2.0	0.99	ug/L			07/24/19 01:48	1
2-Butanone	ND		5.0	0.46	ug/L			07/24/19 01:48	1
Carbon disulfide	ND		10	0.39	ug/L			07/24/19 01:48	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/24/19 01:48	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/24/19 01:48	1
Chloroethane	ND		0.50	0.12	ug/L			07/24/19 01:48	1
Chloroform	**0.38**	**J**	0.50	0.062	ug/L			07/24/19 01:48	1
Chloromethane	ND		5.0	2.0	ug/L			07/24/19 01:48	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/24/19 01:48	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/24/19 01:48	1
cis-1,2-Dichloroethene	**8.0**		0.50	0.11	ug/L			07/24/19 01:48	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/24/19 01:48	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/24/19 01:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/24/19 01:48	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/24/19 01:48	1
Dibromomethane	ND		0.50	0.13	ug/L			07/24/19 01:48	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/24/19 01:48	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/24/19 01:48	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/24/19 01:48	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/24/19 01:48	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/24/19 01:48	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/24/19 01:48	1
1,1-Dichloroethene	**0.20**	**J**	0.50	0.10	ug/L			07/24/19 01:48	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/24/19 01:48	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/24/19 01:48	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/24/19 01:48	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/24/19 01:48	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/24/19 01:48	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/24/19 01:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/24/19 01:48	1
2-Hexanone	ND		10	0.50	ug/L			07/24/19 01:48	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/24/19 01:48	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/24/19 01:48	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/24/19 01:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/24/19 01:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: ES-1
Date Collected: 07/18/19 13:50
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		1.0	0.15	ug/L			07/24/19 01:48	1
Naphthalene	ND		1.0	0.097	ug/L			07/24/19 01:48	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/24/19 01:48	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/24/19 01:48	1
o-Xylene	ND		0.50	0.086	ug/L			07/24/19 01:48	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/24/19 01:48	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/24/19 01:48	1
Styrene	ND		0.50	0.059	ug/L			07/24/19 01:48	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/24/19 01:48	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/24/19 01:48	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/24/19 01:48	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/24/19 01:48	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/24/19 01:48	1
Tetrachloroethene	**0.38**	**J**	0.50	0.24	ug/L			07/24/19 01:48	1
Toluene	ND		0.50	0.093	ug/L			07/24/19 01:48	1
trans-1,2-Dichloroethene	**0.28**	**J**	0.50	0.082	ug/L			07/24/19 01:48	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/24/19 01:48	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/24/19 01:48	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/24/19 01:48	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/24/19 01:48	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/24/19 01:48	1
Trichloroethene	**1.9**		0.50	0.10	ug/L			07/24/19 01:48	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/24/19 01:48	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/24/19 01:48	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/24/19 01:48	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/24/19 01:48	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/24/19 01:48	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/24/19 01:48	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/24/19 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*07/24/19 01:48*	*1*
Dibromofluoromethane	*98*		*80 - 127*		*07/24/19 01:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*07/24/19 01:48*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/24/19 01:48*	*1*

Client Sample ID: I-3
Date Collected: 07/18/19 12:45
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 06:36	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 06:36	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 06:36	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 06:36	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 06:36	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 06:36	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 06:36	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 06:36	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 06:36	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 06:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-3
Date Collected: 07/18/19 12:45
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 06:36	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 06:36	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 06:36	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 06:36	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 06:36	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 06:36	1
cis-1,2-Dichloroethene	**0.33**	**J**	0.50	0.11	ug/L			07/25/19 06:36	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 06:36	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 06:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 06:36	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 06:36	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 06:36	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 06:36	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 06:36	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 06:36	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 06:36	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 06:36	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 06:36	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 06:36	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 06:36	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 06:36	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 06:36	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 06:36	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 06:36	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 06:36	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 06:36	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 06:36	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 06:36	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 06:36	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 06:36	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 06:36	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 06:36	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 06:36	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 06:36	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 06:36	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 06:36	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 06:36	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 06:36	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 06:36	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 06:36	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 06:36	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 06:36	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 06:36	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 06:36	1
Tetrachloroethene	ND	*	0.50	0.24	ug/L			07/25/19 06:36	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 06:36	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 06:36	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 06:36	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 06:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-3
Date Collected: 07/18/19 12:45
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 06:36	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 06:36	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 06:36	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 06:36	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 06:36	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 06:36	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 06:36	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 06:36	1
Vinyl acetate	ND	*	5.0	0.70	ug/L			07/25/19 06:36	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 06:36	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*07/25/19 06:36*	*1*
Dibromofluoromethane	*103*		*80 - 127*		*07/25/19 06:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*07/25/19 06:36*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/25/19 06:36*	*1*

Client Sample ID: M-30
Date Collected: 07/18/19 11:10
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 07:01	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 07:01	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 07:01	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 07:01	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 07:01	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 07:01	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 07:01	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 07:01	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 07:01	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 07:01	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 07:01	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 07:01	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 07:01	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 07:01	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 07:01	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 07:01	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 07:01	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 07:01	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 07:01	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 07:01	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 07:01	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 07:01	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 07:01	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 07:01	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 07:01	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 07:01	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 07:01	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 07:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-30
Date Collected: 07/18/19 11:10
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 07:01	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 07:01	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 07:01	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 07:01	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 07:01	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 07:01	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 07:01	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 07:01	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 07:01	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 07:01	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 07:01	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 07:01	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 07:01	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 07:01	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 07:01	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 07:01	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 07:01	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 07:01	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 07:01	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 07:01	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 07:01	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 07:01	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 07:01	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 07:01	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 07:01	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 07:01	1
Tetrachloroethene	ND	*	0.50	0.24	ug/L			07/25/19 07:01	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 07:01	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 07:01	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 07:01	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 07:01	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 07:01	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 07:01	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 07:01	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 07:01	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 07:01	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 07:01	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 07:01	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 07:01	1
Vinyl acetate	ND	*	5.0	0.70	ug/L			07/25/19 07:01	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 07:01	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*68 - 120*		*07/25/19 07:01*	*1*
Dibromofluoromethane	*101*		*80 - 127*		*07/25/19 07:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 128*		*07/25/19 07:01*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/25/19 07:01*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: M-29
Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 07:27	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 07:27	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 07:27	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 07:27	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 07:27	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 07:27	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 07:27	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 07:27	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 07:27	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 07:27	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 07:27	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 07:27	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 07:27	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 07:27	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 07:27	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 07:27	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 07:27	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 07:27	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 07:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 07:27	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 07:27	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 07:27	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 07:27	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 07:27	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 07:27	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 07:27	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 07:27	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 07:27	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 07:27	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 07:27	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 07:27	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 07:27	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 07:27	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 07:27	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 07:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 07:27	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 07:27	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 07:27	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 07:27	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 07:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 07:27	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 07:27	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 07:27	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 07:27	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 07:27	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 07:27	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 07:27	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 07:27	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 07:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-29
Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 07:27	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 07:27	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 07:27	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 07:27	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 07:27	1
Tetrachloroethene	ND	*	0.50	0.24	ug/L			07/25/19 07:27	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 07:27	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 07:27	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 07:27	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 07:27	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 07:27	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 07:27	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 07:27	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 07:27	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 07:27	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 07:27	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 07:27	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 07:27	1
Vinyl acetate	ND	*	5.0	0.70	ug/L			07/25/19 07:27	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 07:27	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*07/25/19 07:27*	*1*
Dibromofluoromethane	*106*		*80 - 127*		*07/25/19 07:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*07/25/19 07:27*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/25/19 07:27*	*1*

Client Sample ID: M-24
Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 20:42	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 20:42	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 20:42	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 20:42	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 20:42	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 20:42	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 20:42	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 20:42	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 20:42	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 20:42	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 20:42	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 20:42	1
Chloroform	**0.19**	**J**	0.50	0.062	ug/L			07/25/19 20:42	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 20:42	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 20:42	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 20:42	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 20:42	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 20:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-24
Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 20:42	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 20:42	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 20:42	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 20:42	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 20:42	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 20:42	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 20:42	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 20:42	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 20:42	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 20:42	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 20:42	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 20:42	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 20:42	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 20:42	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 20:42	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 20:42	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 20:42	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 20:42	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 20:42	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 20:42	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 20:42	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 20:42	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 20:42	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 20:42	1
Naphthalene	**0.59**	**J**	1.0	0.097	ug/L			07/25/19 20:42	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 20:42	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 20:42	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 20:42	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 20:42	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 20:42	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 20:42	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 20:42	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 20:42	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 20:42	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 20:42	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 20:42	1
Tetrachloroethene	**0.33**	**J**	0.50	0.24	ug/L			07/25/19 20:42	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 20:42	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 20:42	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 20:42	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 20:42	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 20:42	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 20:42	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 20:42	1
Trichloroethene	**0.20**	**J**	0.50	0.10	ug/L			07/25/19 20:42	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 20:42	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 20:42	1
1,2,4-Trimethylbenzene	**0.18**	**J**	0.50	0.068	ug/L			07/25/19 20:42	1
1,3,5-Trimethylbenzene	**0.12**	**J**	0.50	0.079	ug/L			07/25/19 20:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-24
Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		5.0	0.70	ug/L			07/25/19 20:42	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 20:42	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*68 - 120*		*07/25/19 20:42*	*1*
Dibromofluoromethane	*92*		*80 - 127*		*07/25/19 20:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 128*		*07/25/19 20:42*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/25/19 20:42*	*1*

Client Sample ID: I-4R
Date Collected: 07/18/19 12:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 08:18	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 08:18	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 08:18	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 08:18	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 08:18	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 08:18	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 08:18	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 08:18	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 08:18	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 08:18	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 08:18	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 08:18	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 08:18	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 08:18	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 08:18	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 08:18	1
cis-1,2-Dichloroethene	**0.58**		0.50	0.11	ug/L			07/25/19 08:18	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 08:18	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 08:18	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 08:18	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 08:18	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 08:18	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 08:18	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 08:18	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 08:18	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 08:18	1
1,1-Dichloroethane	**0.064**	**J**	0.50	0.060	ug/L			07/25/19 08:18	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 08:18	1
1,1-Dichloroethene	**0.25**	**J**	0.50	0.10	ug/L			07/25/19 08:18	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 08:18	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 08:18	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 08:18	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 08:18	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 08:18	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 08:18	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 08:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-4R
Date Collected: 07/18/19 12:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		10	0.50	ug/L			07/25/19 08:18	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 08:18	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 08:18	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 08:18	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 08:18	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 08:18	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 08:18	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 08:18	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 08:18	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 08:18	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 08:18	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 08:18	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 08:18	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 08:18	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 08:18	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 08:18	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 08:18	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 08:18	1
Tetrachloroethene	ND	*	0.50	0.24	ug/L			07/25/19 08:18	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 08:18	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 08:18	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 08:18	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 08:18	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 08:18	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 08:18	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 08:18	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 08:18	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 08:18	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 08:18	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 08:18	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 08:18	1
Vinyl acetate	ND	*	5.0	0.70	ug/L			07/25/19 08:18	1
Vinyl chloride	**8.7**		0.50	0.078	ug/L			07/25/19 08:18	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 08:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*07/25/19 08:18*	*1*
Dibromofluoromethane	*106*		*80 - 127*		*07/25/19 08:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*80 - 128*		*07/25/19 08:18*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/25/19 08:18*	*1*

Client Sample ID: DUP-1
Date Collected: 07/18/19 12:35
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 08:43	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 08:43	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 08:43	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 08:43	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 08:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DUP-1
Date Collected: 07/18/19 12:35
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.50	0.096	ug/L			07/25/19 08:43	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 08:43	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 08:43	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 08:43	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 08:43	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 08:43	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 08:43	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 08:43	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 08:43	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 08:43	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 08:43	1
cis-1,2-Dichloroethene	**0.64**		0.50	0.11	ug/L			07/25/19 08:43	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 08:43	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 08:43	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 08:43	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 08:43	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 08:43	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 08:43	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 08:43	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 08:43	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 08:43	1
1,1-Dichloroethane	**0.073**	**J**	0.50	0.060	ug/L			07/25/19 08:43	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 08:43	1
1,1-Dichloroethene	**0.28**	**J**	0.50	0.10	ug/L			07/25/19 08:43	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 08:43	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 08:43	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 08:43	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 08:43	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 08:43	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 08:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 08:43	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 08:43	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 08:43	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 08:43	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 08:43	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 08:43	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 08:43	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 08:43	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 08:43	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 08:43	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 08:43	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 08:43	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 08:43	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 08:43	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 08:43	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 08:43	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 08:43	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 08:43	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 08:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DUP-1
Date Collected: 07/18/19 12:35
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND	*	0.50	0.24	ug/L			07/25/19 08:43	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 08:43	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 08:43	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 08:43	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 08:43	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 08:43	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 08:43	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 08:43	1
Trichloroethene	**0.11**	**J**	0.50	0.10	ug/L			07/25/19 08:43	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 08:43	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 08:43	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 08:43	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 08:43	1
Vinyl acetate	ND	*	5.0	0.70	ug/L			07/25/19 08:43	1
Vinyl chloride	**10**		0.50	0.078	ug/L			07/25/19 08:43	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 08:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*68 - 120*		*07/25/19 08:43*	*1*
Dibromofluoromethane	*103*		*80 - 127*		*07/25/19 08:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 128*		*07/25/19 08:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/25/19 08:43*	*1*

Client Sample ID: M-48R
Date Collected: 07/18/19 13:47
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 09:09	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 09:09	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 09:09	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 09:09	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 09:09	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 09:09	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 09:09	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 09:09	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 09:09	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 09:09	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 09:09	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 09:09	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 09:09	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 09:09	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 09:09	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 09:09	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 09:09	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 09:09	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 09:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 09:09	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 09:09	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 09:09	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 09:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-48R
Date Collected: 07/18/19 13:47
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 09:09	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 09:09	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 09:09	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 09:09	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 09:09	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 09:09	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 09:09	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 09:09	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 09:09	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 09:09	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 09:09	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 09:09	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 09:09	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 09:09	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 09:09	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 09:09	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 09:09	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 09:09	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 09:09	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 09:09	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 09:09	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 09:09	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 09:09	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 09:09	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 09:09	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 09:09	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 09:09	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 09:09	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 09:09	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 09:09	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 09:09	1
Tetrachloroethene	ND	*	0.50	0.24	ug/L			07/25/19 09:09	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 09:09	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 09:09	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 09:09	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 09:09	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 09:09	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 09:09	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 09:09	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 09:09	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 09:09	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 09:09	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 09:09	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 09:09	1
Vinyl acetate	ND	*	5.0	0.70	ug/L			07/25/19 09:09	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 09:09	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 09:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*68 - 120*		*07/25/19 09:09*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-48R
Date Collected: 07/18/19 13:47
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-13
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*103*		*80 - 127*		*07/25/19 09:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 128*		*07/25/19 09:09*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/25/19 09:09*	*1*

Client Sample ID: ES-6
Date Collected: 07/18/19 15:00
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 09:35	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 09:35	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 09:35	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 09:35	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 09:35	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 09:35	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 09:35	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 09:35	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 09:35	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 09:35	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 09:35	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 09:35	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 09:35	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 09:35	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 09:35	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 09:35	1
cis-1,2-Dichloroethene	**1.1**		0.50	0.11	ug/L			07/25/19 09:35	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 09:35	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 09:35	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 09:35	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 09:35	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 09:35	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 09:35	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 09:35	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 09:35	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 09:35	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 09:35	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 09:35	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 09:35	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 09:35	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 09:35	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 09:35	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 09:35	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 09:35	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 09:35	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 09:35	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 09:35	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 09:35	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 09:35	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 09:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 09:35	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: ES-6
Date Collected: 07/18/19 15:00
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 09:35	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 09:35	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 09:35	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 09:35	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 09:35	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 09:35	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 09:35	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 09:35	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 09:35	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 09:35	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 09:35	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 09:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 09:35	1
Tetrachloroethene	ND	*	0.50	0.24	ug/L			07/25/19 09:35	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 09:35	1
trans-1,2-Dichloroethene	**0.15**	**J**	0.50	0.082	ug/L			07/25/19 09:35	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 09:35	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 09:35	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 09:35	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 09:35	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 09:35	1
Trichloroethene	**0.14**	**J**	0.50	0.10	ug/L			07/25/19 09:35	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 09:35	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 09:35	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 09:35	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 09:35	1
Vinyl acetate	ND	*	5.0	0.70	ug/L			07/25/19 09:35	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 09:35	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 09:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*07/25/19 09:35*	*1*
Dibromofluoromethane	*102*		*80 - 127*		*07/25/19 09:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 128*		*07/25/19 09:35*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/25/19 09:35*	*1*

Client Sample ID: I-15
Date Collected: 07/18/19 10:44
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 10:00	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 10:00	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 10:00	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 10:00	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 10:00	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 10:00	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 10:00	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 10:00	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 10:00	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 10:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-15
Date Collected: 07/18/19 10:44
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 10:00	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 10:00	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 10:00	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 10:00	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 10:00	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 10:00	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 10:00	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 10:00	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 10:00	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 10:00	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 10:00	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 10:00	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 10:00	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 10:00	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 10:00	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 10:00	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 10:00	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 10:00	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 10:00	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 10:00	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 10:00	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 10:00	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 10:00	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 10:00	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 10:00	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 10:00	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 10:00	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 10:00	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 10:00	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 10:00	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 10:00	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 10:00	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 10:00	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 10:00	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 10:00	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 10:00	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 10:00	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 10:00	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 10:00	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 10:00	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 10:00	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 10:00	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 10:00	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 10:00	1
Tetrachloroethene	ND	*	0.50	0.24	ug/L			07/25/19 10:00	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 10:00	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 10:00	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 10:00	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 10:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-15
Date Collected: 07/18/19 10:44
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 10:00	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 10:00	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 10:00	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 10:00	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 10:00	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 10:00	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 10:00	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 10:00	1
Vinyl acetate	ND	*	5.0	0.70	ug/L			07/25/19 10:00	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 10:00	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 10:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*07/25/19 10:00*	*1*
Dibromofluoromethane	*103*		*80 - 127*		*07/25/19 10:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*80 - 128*		*07/25/19 10:00*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/25/19 10:00*	*1*

Client Sample ID: I-16
Date Collected: 07/18/19 12:15
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100	40	ug/L			07/25/19 21:07	10
Benzene	ND		5.0	0.72	ug/L			07/25/19 21:07	10
Bromobenzene	ND		5.0	0.61	ug/L			07/25/19 21:07	10
Bromochloromethane	ND		10	0.82	ug/L			07/25/19 21:07	10
Bromodichloromethane	ND		5.0	0.53	ug/L			07/25/19 21:07	10
Bromoform	ND		5.0	0.96	ug/L			07/25/19 21:07	10
Bromomethane	ND		20	9.9	ug/L			07/25/19 21:07	10
2-Butanone	ND		50	4.6	ug/L			07/25/19 21:07	10
Carbon disulfide	ND		100	3.9	ug/L			07/25/19 21:07	10
Carbon tetrachloride	ND		5.0	0.57	ug/L			07/25/19 21:07	10
Chlorobenzene	ND		5.0	0.88	ug/L			07/25/19 21:07	10
Chloroethane	ND		5.0	1.2	ug/L			07/25/19 21:07	10
Chloroform	ND		5.0	0.62	ug/L			07/25/19 21:07	10
Chloromethane	ND		50	20	ug/L			07/25/19 21:07	10
2-Chlorotoluene	ND		5.0	0.58	ug/L			07/25/19 21:07	10
4-Chlorotoluene	ND		5.0	0.91	ug/L			07/25/19 21:07	10
cis-1,2-Dichloroethene	**160**		5.0	1.1	ug/L			07/25/19 21:07	10
cis-1,3-Dichloropropene	ND		5.0	0.96	ug/L			07/25/19 21:07	10
Dibromochloromethane	ND		5.0	0.64	ug/L			07/25/19 21:07	10
1,2-Dibromo-3-Chloropropane	ND		50	5.1	ug/L			07/25/19 21:07	10
1,2-Dibromoethane	ND		5.0	0.59	ug/L			07/25/19 21:07	10
Dibromomethane	ND		5.0	1.3	ug/L			07/25/19 21:07	10
1,2-Dichlorobenzene	ND		5.0	0.82	ug/L			07/25/19 21:07	10
1,3-Dichlorobenzene	ND		5.0	0.98	ug/L			07/25/19 21:07	10
1,4-Dichlorobenzene	ND		5.0	0.73	ug/L			07/25/19 21:07	10
Dichlorodifluoromethane	ND		10	0.99	ug/L			07/25/19 21:07	10
1,1-Dichloroethane	**4.1**	**J**	5.0	0.60	ug/L			07/25/19 21:07	10
1,2-Dichloroethane	ND		5.0	0.75	ug/L			07/25/19 21:07	10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-16
Date Collected: 07/18/19 12:15
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**1.1**	**J**	5.0	1.0	ug/L			07/25/19 21:07	10
1,2-Dichloropropane	ND		5.0	0.99	ug/L			07/25/19 21:07	10
1,3-Dichloropropane	ND		10	0.82	ug/L			07/25/19 21:07	10
2,2-Dichloropropane	ND		10	3.8	ug/L			07/25/19 21:07	10
1,1-Dichloropropene	ND		5.0	0.70	ug/L			07/25/19 21:07	10
Di-isopropyl ether (DIPE)	ND		5.0	0.70	ug/L			07/25/19 21:07	10
Ethylbenzene	ND		5.0	0.87	ug/L			07/25/19 21:07	10
Ethyl-t-butyl ether (ETBE)	ND		5.0	0.85	ug/L			07/25/19 21:07	10
2-Hexanone	ND		100	5.0	ug/L			07/25/19 21:07	10
Isopropylbenzene	ND		5.0	0.77	ug/L			07/25/19 21:07	10
Methylene Chloride	ND		10	0.43	ug/L			07/25/19 21:07	10
4-Methyl-2-pentanone	ND		50	4.2	ug/L			07/25/19 21:07	10
Methyl-t-Butyl Ether (MTBE)	ND		5.0	0.67	ug/L			07/25/19 21:07	10
m,p-Xylene	ND		10	1.5	ug/L			07/25/19 21:07	10
Naphthalene	ND		10	0.97	ug/L			07/25/19 21:07	10
n-Butylbenzene	ND		5.0	1.1	ug/L			07/25/19 21:07	10
N-Propylbenzene	ND		5.0	0.76	ug/L			07/25/19 21:07	10
o-Xylene	ND		5.0	0.86	ug/L			07/25/19 21:07	10
p-Isopropyltoluene	ND		5.0	0.74	ug/L			07/25/19 21:07	10
sec-Butylbenzene	ND		5.0	0.95	ug/L			07/25/19 21:07	10
Styrene	ND		5.0	0.59	ug/L			07/25/19 21:07	10
Tert-amyl-methyl ether (TAME)	ND		5.0	1.0	ug/L			07/25/19 21:07	10
tert-Butyl alcohol (TBA)	ND		100	40	ug/L			07/25/19 21:07	10
tert-Butylbenzene	ND		5.0	0.82	ug/L			07/25/19 21:07	10
1,1,1,2-Tetrachloroethane	ND		5.0	0.70	ug/L			07/25/19 21:07	10
1,1,2,2-Tetrachloroethane	ND		5.0	0.87	ug/L			07/25/19 21:07	10
Tetrachloroethene	ND		5.0	2.4	ug/L			07/25/19 21:07	10
Toluene	ND		5.0	0.93	ug/L			07/25/19 21:07	10
trans-1,2-Dichloroethene	**38**		5.0	0.82	ug/L			07/25/19 21:07	10
trans-1,3-Dichloropropene	ND		5.0	0.53	ug/L			07/25/19 21:07	10
1,2,3-Trichlorobenzene	ND		5.0	1.2	ug/L			07/25/19 21:07	10
1,2,4-Trichlorobenzene	ND		5.0	0.89	ug/L			07/25/19 21:07	10
1,1,1-Trichloroethane	ND		5.0	0.84	ug/L			07/25/19 21:07	10
1,1,2-Trichloroethane	ND		5.0	0.69	ug/L			07/25/19 21:07	10
Trichloroethene	ND		5.0	1.0	ug/L			07/25/19 21:07	10
Trichlorofluoromethane	ND		5.0	1.0	ug/L			07/25/19 21:07	10
1,2,3-Trichloropropane	ND		10	0.76	ug/L			07/25/19 21:07	10
1,2,4-Trimethylbenzene	ND		5.0	0.68	ug/L			07/25/19 21:07	10
1,3,5-Trimethylbenzene	ND		5.0	0.79	ug/L			07/25/19 21:07	10
Vinyl acetate	ND		50	7.0	ug/L			07/25/19 21:07	10
Vinyl chloride	**260**		5.0	0.78	ug/L			07/25/19 21:07	10
Hexachloro-1,3-butadiene	ND		20	5.9	ug/L			07/25/19 21:07	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*68 - 120*		*07/25/19 21:07*	*10*
Dibromofluoromethane	*97*		*80 - 127*		*07/25/19 21:07*	*10*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*		*07/25/19 21:07*	*10*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/25/19 21:07*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: I-17
Date Collected: 07/18/19 13:07
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 10:51	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 10:51	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 10:51	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 10:51	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 10:51	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 10:51	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 10:51	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 10:51	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 10:51	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 10:51	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 10:51	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 10:51	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 10:51	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 10:51	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 10:51	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 10:51	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 10:51	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 10:51	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 10:51	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 10:51	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 10:51	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 10:51	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 10:51	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 10:51	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 10:51	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 10:51	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 10:51	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 10:51	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 10:51	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 10:51	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 10:51	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 10:51	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 10:51	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 10:51	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 10:51	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 10:51	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 10:51	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 10:51	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 10:51	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 10:51	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 10:51	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 10:51	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 10:51	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 10:51	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 10:51	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 10:51	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 10:51	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 10:51	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 10:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-17
Date Collected: 07/18/19 13:07
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 10:51	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 10:51	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 10:51	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 10:51	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 10:51	1
Tetrachloroethene	ND	*	0.50	0.24	ug/L			07/25/19 10:51	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 10:51	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 10:51	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 10:51	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 10:51	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 10:51	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 10:51	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 10:51	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 10:51	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 10:51	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 10:51	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 10:51	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 10:51	1
Vinyl acetate	ND	*	5.0	0.70	ug/L			07/25/19 10:51	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 10:51	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*07/25/19 10:51*	*1*
Dibromofluoromethane	*107*		*80 - 127*		*07/25/19 10:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*80 - 128*		*07/25/19 10:51*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/25/19 10:51*	*1*

Client Sample ID: I-11
Date Collected: 07/18/19 14:24
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	20	ug/L			07/25/19 21:33	5
Benzene	ND		2.5	0.36	ug/L			07/25/19 21:33	5
Bromobenzene	ND		2.5	0.31	ug/L			07/25/19 21:33	5
Bromochloromethane	ND		5.0	0.41	ug/L			07/25/19 21:33	5
Bromodichloromethane	ND		2.5	0.26	ug/L			07/25/19 21:33	5
Bromoform	ND		2.5	0.48	ug/L			07/25/19 21:33	5
Bromomethane	ND		10	5.0	ug/L			07/25/19 21:33	5
2-Butanone	ND		25	2.3	ug/L			07/25/19 21:33	5
Carbon disulfide	ND		50	1.9	ug/L			07/25/19 21:33	5
Carbon tetrachloride	ND		2.5	0.28	ug/L			07/25/19 21:33	5
Chlorobenzene	ND		2.5	0.44	ug/L			07/25/19 21:33	5
Chloroethane	ND		2.5	0.59	ug/L			07/25/19 21:33	5
Chloroform	ND		2.5	0.31	ug/L			07/25/19 21:33	5
Chloromethane	ND		25	9.8	ug/L			07/25/19 21:33	5
2-Chlorotoluene	ND		2.5	0.29	ug/L			07/25/19 21:33	5
4-Chlorotoluene	ND		2.5	0.46	ug/L			07/25/19 21:33	5
cis-1,2-Dichloroethene	**170**		2.5	0.54	ug/L			07/25/19 21:33	5
cis-1,3-Dichloropropene	ND		2.5	0.48	ug/L			07/25/19 21:33	5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-11
Date Collected: 07/18/19 14:24
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		2.5	0.32	ug/L			07/25/19 21:33	5
1,2-Dibromo-3-Chloropropane	ND		25	2.6	ug/L			07/25/19 21:33	5
1,2-Dibromoethane	ND		2.5	0.30	ug/L			07/25/19 21:33	5
Dibromomethane	ND		2.5	0.63	ug/L			07/25/19 21:33	5
1,2-Dichlorobenzene	ND		2.5	0.41	ug/L			07/25/19 21:33	5
1,3-Dichlorobenzene	ND		2.5	0.49	ug/L			07/25/19 21:33	5
1,4-Dichlorobenzene	ND		2.5	0.37	ug/L			07/25/19 21:33	5
Dichlorodifluoromethane	ND		5.0	0.50	ug/L			07/25/19 21:33	5
1,1-Dichloroethane	**1.7**	**J**	2.5	0.30	ug/L			07/25/19 21:33	5
1,2-Dichloroethane	ND		2.5	0.37	ug/L			07/25/19 21:33	5
1,1-Dichloroethene	**1.0**	**J**	2.5	0.51	ug/L			07/25/19 21:33	5
1,2-Dichloropropane	ND		2.5	0.49	ug/L			07/25/19 21:33	5
1,3-Dichloropropane	ND		5.0	0.41	ug/L			07/25/19 21:33	5
2,2-Dichloropropane	ND		5.0	1.9	ug/L			07/25/19 21:33	5
1,1-Dichloropropene	ND		2.5	0.35	ug/L			07/25/19 21:33	5
Di-isopropyl ether (DIPE)	ND		2.5	0.35	ug/L			07/25/19 21:33	5
Ethylbenzene	ND		2.5	0.44	ug/L			07/25/19 21:33	5
Ethyl-t-butyl ether (ETBE)	ND		2.5	0.43	ug/L			07/25/19 21:33	5
2-Hexanone	ND		50	2.5	ug/L			07/25/19 21:33	5
Isopropylbenzene	ND		2.5	0.38	ug/L			07/25/19 21:33	5
Methylene Chloride	ND		5.0	0.21	ug/L			07/25/19 21:33	5
4-Methyl-2-pentanone	ND		25	2.1	ug/L			07/25/19 21:33	5
Methyl-t-Butyl Ether (MTBE)	ND		2.5	0.33	ug/L			07/25/19 21:33	5
m,p-Xylene	ND		5.0	0.74	ug/L			07/25/19 21:33	5
Naphthalene	ND		5.0	0.48	ug/L			07/25/19 21:33	5
n-Butylbenzene	ND		2.5	0.54	ug/L			07/25/19 21:33	5
N-Propylbenzene	ND		2.5	0.38	ug/L			07/25/19 21:33	5
o-Xylene	ND		2.5	0.43	ug/L			07/25/19 21:33	5
p-Isopropyltoluene	ND		2.5	0.37	ug/L			07/25/19 21:33	5
sec-Butylbenzene	ND		2.5	0.48	ug/L			07/25/19 21:33	5
Styrene	ND		2.5	0.29	ug/L			07/25/19 21:33	5
Tert-amyl-methyl ether (TAME)	ND		2.5	0.50	ug/L			07/25/19 21:33	5
tert-Butyl alcohol (TBA)	ND		50	20	ug/L			07/25/19 21:33	5
tert-Butylbenzene	ND		2.5	0.41	ug/L			07/25/19 21:33	5
1,1,1,2-Tetrachloroethane	ND		2.5	0.35	ug/L			07/25/19 21:33	5
1,1,2,2-Tetrachloroethane	ND		2.5	0.43	ug/L			07/25/19 21:33	5
Tetrachloroethene	ND		2.5	1.2	ug/L			07/25/19 21:33	5
Toluene	ND		2.5	0.46	ug/L			07/25/19 21:33	5
trans-1,2-Dichloroethene	**32**		2.5	0.41	ug/L			07/25/19 21:33	5
trans-1,3-Dichloropropene	ND		2.5	0.27	ug/L			07/25/19 21:33	5
1,2,3-Trichlorobenzene	ND		2.5	0.59	ug/L			07/25/19 21:33	5
1,2,4-Trichlorobenzene	ND		2.5	0.45	ug/L			07/25/19 21:33	5
1,1,1-Trichloroethane	ND		2.5	0.42	ug/L			07/25/19 21:33	5
1,1,2-Trichloroethane	ND		2.5	0.35	ug/L			07/25/19 21:33	5
Trichloroethene	**1.1**	**J**	2.5	0.51	ug/L			07/25/19 21:33	5
Trichlorofluoromethane	ND		2.5	0.52	ug/L			07/25/19 21:33	5
1,2,3-Trichloropropane	ND		5.0	0.38	ug/L			07/25/19 21:33	5
1,2,4-Trimethylbenzene	ND		2.5	0.34	ug/L			07/25/19 21:33	5
1,3,5-Trimethylbenzene	ND		2.5	0.39	ug/L			07/25/19 21:33	5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-11
Date Collected: 07/18/19 14:24
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		25	3.5	ug/L			07/25/19 21:33	5
Vinyl chloride	**44**		2.5	0.39	ug/L			07/25/19 21:33	5
Hexachloro-1,3-butadiene	ND		10	2.9	ug/L			07/25/19 21:33	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*68 - 120*		*07/25/19 21:33*	*5*
Dibromofluoromethane	*99*		*80 - 127*		*07/25/19 21:33*	*5*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*		*07/25/19 21:33*	*5*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/25/19 21:33*	*5*

Method: 8260C_SIM - 1,4-Dioxane by SIM

Client Sample ID: ES-2
Date Collected: 07/18/19 13:55
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	51		1.0	0.35	ug/L			07/29/19 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*106*		*67 - 133*		*07/29/19 19:24*	*1*

Client Sample ID: ES-3A
Date Collected: 07/18/19 13:05
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/29/19 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*105*		*67 - 133*		*07/29/19 14:02*	*1*

Client Sample ID: I-19
Date Collected: 07/18/19 11:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/29/19 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*100*		*67 - 133*		*07/29/19 14:31*	*1*

Client Sample ID: I-18
Date Collected: 07/18/19 10:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	24		1.0	0.35	ug/L			07/29/19 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*114*		*67 - 133*		*07/29/19 18:55*	*1*

Client Sample ID: ES-1
Date Collected: 07/18/19 13:50
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/29/19 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*98*		*67 - 133*		*07/29/19 15:00*	*1*

Client Sample ID: I-3
Date Collected: 07/18/19 12:45
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/29/19 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*103*		*67 - 133*		*07/29/19 15:30*	*1*

Method: 8260C_SIM - 1,4-Dioxane by SIM

Client Sample ID: M-30
Date Collected: 07/18/19 11:10
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/29/19 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*107*		*67 - 133*		*07/29/19 15:59*	*1*

Client Sample ID: M-29
Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/29/19 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*97*		*67 - 133*		*07/29/19 16:28*	*1*

Client Sample ID: M-24
Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/29/19 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*93*		*67 - 133*		*07/29/19 16:57*	*1*

Client Sample ID: I-4R
Date Collected: 07/18/19 12:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.98**	**J**	1.0	0.35	ug/L			07/29/19 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*96*		*67 - 133*		*07/29/19 17:56*	*1*

Client Sample ID: M-48R
Date Collected: 07/18/19 13:47
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/30/19 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*92*		*67 - 133*		*07/30/19 12:32*	*1*

Client Sample ID: ES-6
Date Collected: 07/18/19 15:00
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/29/19 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*98*		*67 - 133*		*07/29/19 17:27*	*1*

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Method: 8260C_SIM - 1,4-Dioxane by SIM

Client Sample ID: I-15
Date Collected: 07/18/19 10:44
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.64	J	1.0	0.35	ug/L			07/29/19 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*96*		*67 - 133*		*07/29/19 18:25*	*1*

Client Sample ID: I-16
Date Collected: 07/18/19 12:15
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.9		1.0	0.35	ug/L			07/30/19 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*92*		*67 - 133*		*07/30/19 13:01*	*1*

Client Sample ID: I-17
Date Collected: 07/18/19 13:07
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/30/19 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*99*		*67 - 133*		*07/30/19 13:30*	*1*

Client Sample ID: I-11
Date Collected: 07/18/19 14:24
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5		1.0	0.35	ug/L			07/30/19 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*84*		*67 - 133*		*07/30/19 14:00*	*1*

Method: RSK-175 - Dissolved Gases in Water

Client Sample ID: ES-2
Date Collected: 07/18/19 13:55
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 11:51	1
Ethylene	**0.13**	**J**	1.0	0.051	ug/L			07/20/19 11:51	1
Methane	**0.83**	**J**	1.0	0.0080	ug/L			07/20/19 11:51	1

Client Sample ID: ES-3A
Date Collected: 07/18/19 13:05
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 12:17	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 12:17	1
Methane	**4.8**		1.0	0.0080	ug/L			07/20/19 12:17	1

Client Sample ID: I-19
Date Collected: 07/18/19 11:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 12:44	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 12:44	1
Methane	**2.0**		1.0	0.0080	ug/L			07/20/19 12:44	1

Client Sample ID: I-18
Date Collected: 07/18/19 10:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**0.041**	**J**	1.0	0.033	ug/L			07/20/19 13:10	1
Ethylene	**5.0**		1.0	0.051	ug/L			07/20/19 13:10	1
Methane	**90**		1.0	0.0080	ug/L			07/20/19 13:10	1

Client Sample ID: ES-1
Date Collected: 07/18/19 13:50
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 13:39	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 13:39	1
Methane	**0.39**	**J**	1.0	0.0080	ug/L			07/20/19 13:39	1

Client Sample ID: I-3
Date Collected: 07/18/19 12:45
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 14:05	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 14:05	1
Methane	**16**		1.0	0.0080	ug/L			07/20/19 14:05	1

Client Sample ID: M-30
Date Collected: 07/18/19 11:10
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 14:32	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 14:32	1
Methane	**0.54**	**J**	1.0	0.0080	ug/L			07/20/19 14:32	1

Method: RSK-175 - Dissolved Gases in Water

Client Sample ID: M-29
Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 15:00	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 15:00	1
Methane	**10**		1.0	0.0080	ug/L			07/20/19 15:00	1

Client Sample ID: M-24
Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 15:26	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 15:26	1
Methane	**0.028**	**J**	1.0	0.0080	ug/L			07/20/19 15:26	1

Client Sample ID: I-4R
Date Collected: 07/18/19 12:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 15:51	1
Ethylene	**0.22**	**J**	1.0	0.051	ug/L			07/20/19 15:51	1
Methane	**3.0**		1.0	0.0080	ug/L			07/20/19 15:51	1

Client Sample ID: M-48R
Date Collected: 07/18/19 13:47
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 16:18	1
Ethylene	**0.060**	**J**	1.0	0.051	ug/L			07/20/19 16:18	1
Methane	**12**		1.0	0.0080	ug/L			07/20/19 16:18	1

Client Sample ID: ES-6
Date Collected: 07/18/19 15:00
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 16:45	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 16:45	1
Methane	**1.7**		1.0	0.0080	ug/L			07/20/19 16:45	1

Client Sample ID: I-15
Date Collected: 07/18/19 10:44
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 17:12	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 17:12	1
Methane	**0.057**	**J**	1.0	0.0080	ug/L			07/20/19 17:12	1

Client Sample ID: I-16
Date Collected: 07/18/19 12:15
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 17:38	1
Ethylene	**1.1**		1.0	0.051	ug/L			07/20/19 17:38	1
Methane	**3.4**		1.0	0.0080	ug/L			07/20/19 17:38	1

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Method: RSK-175 - Dissolved Gases in Water

Client Sample ID: I-17
Date Collected: 07/18/19 13:07
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 18:04	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 18:04	1
Methane	**0.50**	**J**	1.0	0.0080	ug/L			07/20/19 18:04	1

Client Sample ID: I-11
Date Collected: 07/18/19 14:24
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 18:31	1
Ethylene	**0.26**	**J**	1.0	0.051	ug/L			07/20/19 18:31	1
Methane	**2.1**		1.0	0.0080	ug/L			07/20/19 18:31	1

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: ES-2
Date Collected: 07/18/19 13:55
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.0	2.4	mg/L			07/19/19 23:57	5
Nitrate as N	0.21		0.10	0.045	mg/L			07/19/19 17:20	1
Sulfate	150		5.0	2.4	mg/L			07/19/19 23:57	5

Client Sample ID: ES-3A
Date Collected: 07/18/19 13:05
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75		1.0	0.49	mg/L			07/19/19 17:39	1
Nitrate as N	ND		0.10	0.045	mg/L			07/19/19 17:39	1
Sulfate	130		2.0	0.98	mg/L			07/20/19 00:16	2

Client Sample ID: I-19
Date Collected: 07/18/19 11:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		10	4.9	mg/L			07/19/19 23:38	10
Nitrate as N	ND		0.10	0.045	mg/L			07/19/19 17:01	1
Sulfate	260		10	4.9	mg/L			07/19/19 23:38	10

Client Sample ID: I-18
Date Collected: 07/18/19 10:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		10	4.9	mg/L			07/20/19 00:35	10
Nitrate as N	ND		0.10	0.045	mg/L			07/19/19 17:58	1
Sulfate	420		10	4.9	mg/L			07/20/19 00:35	10

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Method: VFA - HPLC - Volatile Fatty Acids (HPLC/UV)

Client Sample ID: I-18
Date Collected: 07/18/19 10:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	ND		4.0	1.2	mg/L			07/24/19 03:07	1
Butyric acid	ND		4.0	1.2	mg/L			07/24/19 03:07	1
Lactic acid	ND		4.0	0.89	mg/L			07/24/19 03:07	1
Propionic acid	ND		4.0	0.83	mg/L			07/24/19 03:07	1
Pyruvic Acid	ND		0.50	0.064	mg/L			07/24/19 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromopropanoic acid	*101*		*74 - 122*		*07/24/19 03:07*	*1*

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Method: 6010B - Metals (ICP)

Client Sample ID: ES-2
Date Collected: 07/18/19 13:55
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	F2 F1	0.500	0.123	mg/L		07/25/19 15:00	07/30/19 15:11	1

Client Sample ID: ES-3A
Date Collected: 07/18/19 13:05
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**7.19**		0.500	0.123	mg/L		07/25/19 15:00	07/30/19 11:32	1

Client Sample ID: I-19
Date Collected: 07/18/19 11:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.435**	**J**	0.500	0.123	mg/L		07/25/19 15:00	07/30/19 11:34	1

Client Sample ID: I-18
Date Collected: 07/18/19 10:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.500	0.123	mg/L		07/25/19 15:00	07/30/19 11:36	1

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: ES-2
Date Collected: 07/18/19 13:55
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.500	0.123	mg/L		07/23/19 15:00	07/30/19 20:05	1
Manganese	**0.169**		0.0500	0.00405	mg/L		07/23/19 15:00	07/30/19 20:05	1

Client Sample ID: ES-3A
Date Collected: 07/18/19 13:05
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.500	0.123	mg/L		07/23/19 15:00	07/30/19 20:44	1
Manganese	**0.547**		0.0500	0.00405	mg/L		07/23/19 15:00	07/30/19 20:44	1

Client Sample ID: I-19
Date Collected: 07/18/19 11:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.160**	**J**	0.500	0.123	mg/L		07/23/19 15:00	07/30/19 20:49	1
Manganese	**0.220**		0.0500	0.00405	mg/L		07/23/19 15:00	07/30/19 20:49	1

Client Sample ID: I-18
Date Collected: 07/18/19 10:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.500	0.123	mg/L		07/23/19 15:00	07/30/19 20:53	1
Manganese	**0.0255**	**J**	0.0500	0.00405	mg/L		07/23/19 15:00	07/30/19 20:53	1

General Chemistry

Client Sample ID: ES-2
Date Collected: 07/18/19 13:55
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	329		5.00	1.69	mg/L			07/22/19 16:40	1
Total Dissolved Solids	855		0.0500	0.0435	mg/L			07/22/19 10:03	1
Carbon, Total Organic	1.73		0.500	0.0259	mg/L			07/21/19 02:26	1

Client Sample ID: ES-3A
Date Collected: 07/18/19 13:05
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	262		5.00	1.69	mg/L			07/25/19 18:02	1
Total Dissolved Solids	615		0.0500	0.0435	mg/L			07/22/19 10:03	1
Carbon, Total Organic	2.27		0.500	0.0259	mg/L			07/21/19 02:47	1

Client Sample ID: I-19
Date Collected: 07/18/19 11:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	547		5.00	1.69	mg/L			07/22/19 16:46	1
Total Dissolved Solids	1180		0.0500	0.0435	mg/L			07/22/19 10:03	1
Carbon, Total Organic	3.05		0.500	0.0259	mg/L			07/21/19 03:08	1

Client Sample ID: I-18
Date Collected: 07/18/19 10:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	142		5.00	1.69	mg/L			07/22/19 16:58	1
Total Dissolved Solids	1120		0.0500	0.0435	mg/L			07/22/19 10:03	1
Carbon, Total Organic	1.69		0.500	0.0259	mg/L			07/21/19 03:30	1

Surrogate Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (68-120)	DBFM (80-127)	DCA (80-128)	TOL (80-120)
570-2251-1	TB-1	91	103	104	100
570-2251-2	ES-2	90	100	102	99
570-2251-3	ES-3A	91	98	103	99
570-2251-4	I-19	91	99	105	99
570-2251-5	I-18	90	101	103	100
570-2251-6	ES-1	90	98	106	101
570-2251-7	I-3	88	103	106	101
570-2251-8	M-30	89	101	109	101
570-2251-9	M-29	90	106	107	102
570-2251-10	M-24	91	92	98	97
570-2251-11	I-4R	90	106	113	100
570-2251-12	DUP-1	87	103	109	100
570-2251-13	M-48R	89	103	110	101
570-2251-14	ES-6	88	102	111	102
570-2251-15	I-15	88	103	112	102
570-2251-16	I-16	91	97	103	99
570-2251-17	I-17	88	107	112	101
570-2251-18	I-11	89	99	103	99
LCS 570-7131/4	Lab Control Sample	100	99	97	99
LCS 570-7552/3	Lab Control Sample	101	102	99	100
LCS 570-7799/4	Lab Control Sample	101	104	99	102
LCSD 570-7131/5	Lab Control Sample Dup	101	99	96	100
LCSD 570-7552/4	Lab Control Sample Dup	100	101	97	101
LCSD 570-7799/5	Lab Control Sample Dup	101	102	99	101
MB 570-7131/8	Method Blank	90	100	104	99
MB 570-7552/6	Method Blank	90	102	104	100
MB 570-7799/8	Method Blank	88	105	108	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C_SIM - 1,4-Dioxane by SIM

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	14DCBTN (67-133)
570-2251-2	ES-2	106
570-2251-3	ES-3A	105
570-2251-4	I-19	100
570-2251-5	I-18	114
570-2251-6	ES-1	98
570-2251-7	I-3	103
570-2251-8	M-30	107
570-2251-9	M-29	97
570-2251-10	M-24	93
570-2251-11	I-4R	96

Surrogate Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Method: 8260C_SIM - 1,4-Dioxane by SIM (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	**Client Sample ID**	**14DCBTN (67-133)**
570-2251-13	M-48R	92
570-2251-14	ES-6	98
570-2251-15	I-15	96
570-2251-16	I-16	92
570-2251-17	I-17	99
570-2251-18	I-11	84
LCS 570-8529/6	Lab Control Sample	100
LCS 570-8716/4	Lab Control Sample	101
LCSD 570-8529/8	Lab Control Sample Dup	101
LCSD 570-8716/5	Lab Control Sample Dup	91
MB 570-8529/10	Method Blank	103
MB 570-8716/7	Method Blank	101

Surrogate Legend

14DCBTN = 1,4-Dichlorobutane (Surr)

Method: VFA - HPLC - Volatile Fatty Acids (HPLC/UV)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	**Client Sample ID**	**23DPA (74-122)**
570-2251-5	I-18	101
570-2371-J-1 MS	Matrix Spike	108
570-2371-J-1 MSD	Matrix Spike Duplicate	114
LCS 570-7271/25	Lab Control Sample	108
LCS 570-7271/4	Lab Control Sample	104
MB 570-7271/3	Method Blank	105

Surrogate Legend

23DPA = Dibromopropanoic acid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-7131/8
Matrix: Water
Analysis Batch: 7131

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/23/19 18:07	1
Benzene	ND		0.50	0.072	ug/L			07/23/19 18:07	1
Bromobenzene	ND		0.50	0.061	ug/L			07/23/19 18:07	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/23/19 18:07	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/23/19 18:07	1
Bromoform	ND		0.50	0.096	ug/L			07/23/19 18:07	1
Bromomethane	ND		2.0	0.99	ug/L			07/23/19 18:07	1
2-Butanone	ND		5.0	0.46	ug/L			07/23/19 18:07	1
Carbon disulfide	ND		10	0.39	ug/L			07/23/19 18:07	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/23/19 18:07	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/23/19 18:07	1
Chloroethane	ND		0.50	0.12	ug/L			07/23/19 18:07	1
Chloroform	ND		0.50	0.062	ug/L			07/23/19 18:07	1
Chloromethane	ND		5.0	2.0	ug/L			07/23/19 18:07	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/23/19 18:07	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/23/19 18:07	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/23/19 18:07	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/23/19 18:07	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/23/19 18:07	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/23/19 18:07	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/23/19 18:07	1
Dibromomethane	ND		0.50	0.13	ug/L			07/23/19 18:07	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/23/19 18:07	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/23/19 18:07	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/23/19 18:07	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/23/19 18:07	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/23/19 18:07	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/23/19 18:07	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/23/19 18:07	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/23/19 18:07	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/23/19 18:07	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/23/19 18:07	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/23/19 18:07	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/23/19 18:07	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/23/19 18:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/23/19 18:07	1
2-Hexanone	ND		10	0.50	ug/L			07/23/19 18:07	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/23/19 18:07	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/23/19 18:07	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/23/19 18:07	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/23/19 18:07	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/23/19 18:07	1
Naphthalene	ND		1.0	0.097	ug/L			07/23/19 18:07	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/23/19 18:07	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/23/19 18:07	1
o-Xylene	ND		0.50	0.086	ug/L			07/23/19 18:07	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/23/19 18:07	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/23/19 18:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-7131/8
Matrix: Water
Analysis Batch: 7131

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.50	0.059	ug/L			07/23/19 18:07	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/23/19 18:07	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/23/19 18:07	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/23/19 18:07	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/23/19 18:07	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/23/19 18:07	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/23/19 18:07	1
Toluene	ND		0.50	0.093	ug/L			07/23/19 18:07	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/23/19 18:07	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/23/19 18:07	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/23/19 18:07	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/23/19 18:07	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/23/19 18:07	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/23/19 18:07	1
Trichloroethene	ND		0.50	0.10	ug/L			07/23/19 18:07	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/23/19 18:07	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/23/19 18:07	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/23/19 18:07	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/23/19 18:07	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/23/19 18:07	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/23/19 18:07	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/23/19 18:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*07/23/19 18:07*	*1*
Dibromofluoromethane	*100*		*80 - 127*		*07/23/19 18:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*		*07/23/19 18:07*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/23/19 18:07*	*1*

Lab Sample ID: LCS 570-7131/4
Matrix: Water
Analysis Batch: 7131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	10.01		ug/L		100	50 - 150
Benzene	10.0	10.92		ug/L		109	80 - 120
Bromobenzene	10.0	11.02		ug/L		110	80 - 120
Bromochloromethane	10.0	10.42		ug/L		104	75 - 123
Bromodichloromethane	10.0	10.80		ug/L		108	80 - 121
Bromoform	10.0	10.82		ug/L		108	74 - 140
Bromomethane	10.0	9.905		ug/L		99	50 - 150
2-Butanone	10.0	8.733		ug/L		87	55 - 187
Carbon disulfide	10.0	11.61		ug/L		116	64 - 130
Carbon tetrachloride	10.0	10.86		ug/L		109	80 - 129
Chlorobenzene	10.0	10.87		ug/L		109	80 - 120
Chloroethane	10.0	10.50		ug/L		105	72 - 126
Chloroform	10.0	10.68		ug/L		107	76 - 124
Chloromethane	10.0	9.925		ug/L		99	53 - 143

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7131/4
Matrix: Water
Analysis Batch: 7131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	10.0	10.68		ug/L		107	80 - 124
4-Chlorotoluene	10.0	10.82		ug/L		108	80 - 122
cis-1,2-Dichloroethene	10.0	10.92		ug/L		109	75 - 123
cis-1,3-Dichloropropene	10.0	10.92		ug/L		109	80 - 122
Dibromochloromethane	10.0	11.19		ug/L		112	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	9.553		ug/L		96	80 - 124
1,2-Dibromoethane	10.0	10.47		ug/L		105	80 - 120
Dibromomethane	10.0	10.41		ug/L		104	80 - 122
1,2-Dichlorobenzene	10.0	10.88		ug/L		109	80 - 120
1,3-Dichlorobenzene	10.0	11.14		ug/L		111	80 - 122
1,4-Dichlorobenzene	10.0	10.57		ug/L		106	80 - 120
Dichlorodifluoromethane	10.0	7.990		ug/L		80	50 - 150
1,1-Dichloroethane	10.0	10.73		ug/L		107	71 - 120
1,2-Dichloroethane	10.0	10.34		ug/L		103	80 - 122
1,1-Dichloroethene	10.0	10.93		ug/L		109	77 - 120
1,2-Dichloropropane	10.0	10.65		ug/L		107	80 - 120
1,3-Dichloropropane	10.0	10.49		ug/L		105	80 - 120
2,2-Dichloropropane	10.0	11.21		ug/L		112	64 - 154
1,1-Dichloropropene	10.0	10.60		ug/L		106	78 - 126
Di-isopropyl ether (DIPE)	10.0	10.65		ug/L		107	73 - 121
Ethylbenzene	10.0	11.36		ug/L		114	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	10.41		ug/L		104	76 - 124
2-Hexanone	10.0	11.14		ug/L		111	67 - 151
Isopropylbenzene	10.0	11.45		ug/L		114	80 - 124
Methylene Chloride	10.0	10.70		ug/L		107	77 - 120
4-Methyl-2-pentanone	10.0	9.372		ug/L		94	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	10.28		ug/L		103	75 - 123
m,p-Xylene	20.0	23.20		ug/L		116	80 - 120
Naphthalene	10.0	11.10		ug/L		111	73 - 139
n-Butylbenzene	10.0	11.40		ug/L		114	80 - 126
N-Propylbenzene	10.0	11.77		ug/L		118	79 - 127
o-Xylene	10.0	11.33		ug/L		113	80 - 120
p-Isopropyltoluene	10.0	11.12		ug/L		111	80 - 120
sec-Butylbenzene	10.0	11.03		ug/L		110	79 - 127
Styrene	10.0	11.54		ug/L		115	80 - 120
Tert-amyl-methyl ether (TAME)	10.0	10.50		ug/L		105	80 - 120
tert-Butyl alcohol (TBA)	50.0	56.69		ug/L		113	80 - 120
tert-Butylbenzene	10.0	11.12		ug/L		111	80 - 125
1,1,1,2-Tetrachloroethane	10.0	11.06		ug/L		111	80 - 122
1,1,2,2-Tetrachloroethane	10.0	10.04		ug/L		100	80 - 121
Tetrachloroethene	10.0	10.78		ug/L		108	79 - 121
Toluene	10.0	11.09		ug/L		111	80 - 120
trans-1,2-Dichloroethene	10.0	11.11		ug/L		111	77 - 125
trans-1,3-Dichloropropene	10.0	10.92		ug/L		109	80 - 120
1,2,3-Trichlorobenzene	10.0	11.37		ug/L		114	80 - 122
1,2,4-Trichlorobenzene	10.0	11.53		ug/L		115	80 - 122
1,1,1-Trichloroethane	10.0	10.75		ug/L		107	80 - 128
1,1,2-Trichloroethane	10.0	10.15		ug/L		101	80 - 120
Trichloroethene	10.0	10.97		ug/L		110	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7131/4
Matrix: Water
Analysis Batch: 7131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	10.0	8.536		ug/L		85	77 - 125
1,2,3-Trichloropropane	10.0	10.84		ug/L		108	76 - 120
1,2,4-Trimethylbenzene	10.0	11.23		ug/L		112	80 - 120
1,3,5-Trimethylbenzene	10.0	11.46		ug/L		115	80 - 122
Vinyl acetate	10.0	9.179		ug/L		92	74 - 128
Vinyl chloride	10.0	9.440		ug/L		94	63 - 135
Isopropanol	50.0	49.73	J	ug/L		99	80 - 120
Hexachloro-1,3-butadiene	10.0	10.98		ug/L		110	80 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-7131/5
Matrix: Water
Analysis Batch: 7131

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10.0	11.10		ug/L		111	50 - 150	10	30
Benzene	10.0	11.04		ug/L		110	80 - 120	1	22
Bromobenzene	10.0	11.40		ug/L		114	80 - 120	3	22
Bromochloromethane	10.0	10.55		ug/L		105	75 - 123	1	27
Bromodichloromethane	10.0	10.86		ug/L		109	80 - 121	1	29
Bromoform	10.0	11.04		ug/L		110	74 - 140	2	30
Bromomethane	10.0	9.858		ug/L		99	50 - 150	0	30
2-Butanone	10.0	10.39		ug/L		104	55 - 187	17	30
Carbon disulfide	10.0	11.55		ug/L		115	64 - 130	1	34
Carbon tetrachloride	10.0	10.79		ug/L		108	80 - 129	1	36
Chlorobenzene	10.0	11.07		ug/L		111	80 - 120	2	29
Chloroethane	10.0	11.08		ug/L		111	72 - 126	5	30
Chloroform	10.0	10.84		ug/L		108	76 - 124	2	29
Chloromethane	10.0	10.17		ug/L		102	53 - 143	2	30
2-Chlorotoluene	10.0	10.84		ug/L		108	80 - 124	1	29
4-Chlorotoluene	10.0	10.94		ug/L		109	80 - 122	1	25
cis-1,2-Dichloroethene	10.0	10.94		ug/L		109	75 - 123	0	26
cis-1,3-Dichloropropene	10.0	10.89		ug/L		109	80 - 122	0	30
Dibromochloromethane	10.0	10.99		ug/L		110	79 - 127	2	30
1,2-Dibromo-3-Chloropropane	10.0	9.316		ug/L		93	80 - 124	3	23
1,2-Dibromoethane	10.0	10.64		ug/L		106	80 - 120	2	32
Dibromomethane	10.0	10.30		ug/L		103	80 - 122	1	30
1,2-Dichlorobenzene	10.0	10.78		ug/L		108	80 - 120	1	30
1,3-Dichlorobenzene	10.0	11.13		ug/L		111	80 - 122	0	30
1,4-Dichlorobenzene	10.0	10.44		ug/L		104	80 - 120	1	20
Dichlorodifluoromethane	10.0	8.060		ug/L		81	50 - 150	1	30
1,1-Dichloroethane	10.0	10.92		ug/L		109	71 - 120	2	30
1,2-Dichloroethane	10.0	10.32		ug/L		103	80 - 122	0	23

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7131/5
Matrix: Water
Analysis Batch: 7131

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			10.0	10.88		ug/L		109	77 - 120	0	26
1,2-Dichloropropane			10.0	10.61		ug/L		106	80 - 120	0	23
1,3-Dichloropropane			10.0	10.70		ug/L		107	80 - 120	2	24
2,2-Dichloropropane			10.0	10.98		ug/L		110	64 - 154	2	30
1,1-Dichloropropene			10.0	10.78		ug/L		108	78 - 126	2	24
Di-isopropyl ether (DIPE)			10.0	10.57		ug/L		106	73 - 121	1	26
Ethylbenzene			10.0	11.59		ug/L		116	80 - 120	2	25
Ethyl-t-butyl ether (ETBE)			10.0	10.38		ug/L		104	76 - 124	0	30
2-Hexanone			10.0	10.43		ug/L		104	67 - 151	7	30
Isopropylbenzene			10.0	11.66		ug/L		117	80 - 124	2	30
Methylene Chloride			10.0	10.91		ug/L		109	77 - 120	2	24
4-Methyl-2-pentanone			10.0	9.685		ug/L		97	73 - 127	3	30
Methyl-t-Butyl Ether (MTBE)			10.0	10.53		ug/L		105	75 - 123	2	27
m,p-Xylene			20.0	23.27		ug/L		116	80 - 120	0	30
Naphthalene			10.0	11.32		ug/L		113	73 - 139	2	30
n-Butylbenzene			10.0	11.53		ug/L		115	80 - 126	1	30
N-Propylbenzene			10.0	11.95		ug/L		120	79 - 127	2	30
o-Xylene			10.0	11.46		ug/L		115	80 - 120	1	30
p-Isopropyltoluene			10.0	11.20		ug/L		112	80 - 120	1	22
sec-Butylbenzene			10.0	11.15		ug/L		112	79 - 127	1	30
Styrene			10.0	11.82		ug/L		118	80 - 120	2	24
Tert-amyl-methyl ether (TAME)			10.0	10.38		ug/L		104	80 - 120	1	24
tert-Butyl alcohol (TBA)			50.0	55.34		ug/L		111	80 - 120	2	30
tert-Butylbenzene			10.0	11.27		ug/L		113	80 - 125	1	30
1,1,1,2-Tetrachloroethane			10.0	11.12		ug/L		111	80 - 122	1	24
1,1,2,2-Tetrachloroethane			10.0	10.06		ug/L		101	80 - 121	0	30
Tetrachloroethene			10.0	11.04		ug/L		110	79 - 121	2	29
Toluene			10.0	11.19		ug/L		112	80 - 120	1	28
trans-1,2-Dichloroethene			10.0	11.14		ug/L		111	77 - 125	0	30
trans-1,3-Dichloropropene			10.0	10.93		ug/L		109	80 - 120	0	26
1,2,3-Trichlorobenzene			10.0	11.53		ug/L		115	80 - 122	1	30
1,2,4-Trichlorobenzene			10.0	11.51		ug/L		115	80 - 122	0	30
1,1,1-Trichloroethane			10.0	10.74		ug/L		107	80 - 128	0	23
1,1,2-Trichloroethane			10.0	10.72		ug/L		107	80 - 120	6	21
Trichloroethene			10.0	11.05		ug/L		111	80 - 120	1	25
Trichlorofluoromethane			10.0	8.450		ug/L		84	77 - 125	1	30
1,2,3-Trichloropropane			10.0	11.07		ug/L		111	76 - 120	2	30
1,2,4-Trimethylbenzene			10.0	11.38		ug/L		114	80 - 120	1	30
1,3,5-Trimethylbenzene			10.0	11.66		ug/L		117	80 - 122	2	30
Vinyl acetate			10.0	9.495		ug/L		95	74 - 128	3	30
Vinyl chloride			10.0	9.329		ug/L		93	63 - 135	1	30
Isopropanol			50.0	48.77	J	ug/L		98	80 - 120	2	20
Hexachloro-1,3-butadiene			10.0	11.09		ug/L		111	80 - 122	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7131/5
Matrix: Water
Analysis Batch: 7131

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: MB 570-7552/6
Matrix: Water
Analysis Batch: 7552

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 06:10	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 06:10	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 06:10	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 06:10	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 06:10	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 06:10	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 06:10	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 06:10	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 06:10	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 06:10	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 06:10	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 06:10	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 06:10	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 06:10	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 06:10	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 06:10	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 06:10	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 06:10	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 06:10	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 06:10	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 06:10	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 06:10	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 06:10	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 06:10	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 06:10	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 06:10	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 06:10	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 06:10	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 06:10	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 06:10	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 06:10	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 06:10	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 06:10	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 06:10	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 06:10	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 06:10	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 06:10	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 06:10	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 06:10	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 06:10	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 06:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-7552/6
Matrix: Water
Analysis Batch: 7552

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 06:10	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 06:10	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 06:10	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 06:10	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 06:10	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 06:10	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 06:10	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 06:10	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 06:10	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 06:10	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 06:10	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 06:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 06:10	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/25/19 06:10	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 06:10	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 06:10	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 06:10	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 06:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 06:10	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 06:10	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 06:10	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 06:10	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 06:10	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 06:10	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 06:10	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 06:10	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/25/19 06:10	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 06:10	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 06:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*07/25/19 06:10*	*1*
Dibromofluoromethane	*102*		*80 - 127*		*07/25/19 06:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*		*07/25/19 06:10*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/25/19 06:10*	*1*

Lab Sample ID: LCS 570-7552/3
Matrix: Water
Analysis Batch: 7552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	11.95		ug/L		119	50 - 150
Benzene	10.0	10.53		ug/L		105	80 - 120
Bromobenzene	10.0	10.98		ug/L		110	80 - 120
Bromochloromethane	10.0	10.48		ug/L		105	75 - 123
Bromodichloromethane	10.0	10.46		ug/L		105	80 - 121
Bromoform	10.0	10.18		ug/L		102	74 - 140
Bromomethane	10.0	10.21		ug/L		102	50 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7552/3
Matrix: Water
Analysis Batch: 7552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone	10.0	10.06		ug/L		101	55 - 187
Carbon disulfide	10.0	10.71		ug/L		107	64 - 130
Carbon tetrachloride	10.0	9.871		ug/L		99	80 - 129
Chlorobenzene	10.0	10.63		ug/L		106	80 - 120
Chloroethane	10.0	11.84		ug/L		118	72 - 126
Chloroform	10.0	10.54		ug/L		105	76 - 124
Chloromethane	10.0	10.48		ug/L		105	53 - 143
2-Chlorotoluene	10.0	10.47		ug/L		105	80 - 124
4-Chlorotoluene	10.0	10.40		ug/L		104	80 - 122
cis-1,2-Dichloroethene	10.0	10.50		ug/L		105	75 - 123
cis-1,3-Dichloropropene	10.0	9.906		ug/L		99	80 - 122
Dibromochloromethane	10.0	10.68		ug/L		107	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	8.782		ug/L		88	80 - 124
1,2-Dibromoethane	10.0	10.27		ug/L		103	80 - 120
Dibromomethane	10.0	10.27		ug/L		103	80 - 122
1,2-Dichlorobenzene	10.0	10.28		ug/L		103	80 - 120
1,3-Dichlorobenzene	10.0	10.60		ug/L		106	80 - 122
1,4-Dichlorobenzene	10.0	10.01		ug/L		100	80 - 120
Dichlorodifluoromethane	10.0	7.896		ug/L		79	50 - 150
1,1-Dichloroethane	10.0	10.35		ug/L		103	71 - 120
1,2-Dichloroethane	10.0	10.31		ug/L		103	80 - 122
1,1-Dichloroethene	10.0	10.36		ug/L		104	77 - 120
1,2-Dichloropropane	10.0	9.998		ug/L		100	80 - 120
1,3-Dichloropropane	10.0	10.23		ug/L		102	80 - 120
2,2-Dichloropropane	10.0	8.346		ug/L		83	64 - 154
1,1-Dichloropropene	10.0	9.640		ug/L		96	78 - 126
Di-isopropyl ether (DIPE)	10.0	10.22		ug/L		102	73 - 121
Ethylbenzene	10.0	11.01		ug/L		110	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.497		ug/L		95	76 - 124
2-Hexanone	10.0	10.70		ug/L		107	67 - 151
Isopropylbenzene	10.0	10.95		ug/L		109	80 - 124
Methylene Chloride	10.0	10.66		ug/L		107	77 - 120
4-Methyl-2-pentanone	10.0	8.606		ug/L		86	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	9.718		ug/L		97	75 - 123
m,p-Xylene	20.0	22.63		ug/L		113	80 - 120
Naphthalene	10.0	10.33		ug/L		103	73 - 139
n-Butylbenzene	10.0	10.66		ug/L		107	80 - 126
N-Propylbenzene	10.0	11.33		ug/L		113	79 - 127
o-Xylene	10.0	10.99		ug/L		110	80 - 120
p-Isopropyltoluene	10.0	10.32		ug/L		103	80 - 120
sec-Butylbenzene	10.0	10.44		ug/L		104	79 - 127
Styrene	10.0	11.36		ug/L		114	80 - 120
Tert-amyl-methyl ether (TAME)	10.0	9.845		ug/L		98	80 - 120
tert-Butyl alcohol (TBA)	50.0	50.41		ug/L		101	80 - 120
tert-Butylbenzene	10.0	9.914		ug/L		99	80 - 125
1,1,1,2-Tetrachloroethane	10.0	10.65		ug/L		106	80 - 122
1,1,2,2-Tetrachloroethane	10.0	9.250		ug/L		93	80 - 121
Tetrachloroethene	10.0	17.67	*	ug/L		177	79 - 121
Toluene	10.0	10.56		ug/L		106	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7552/3
Matrix: Water
Analysis Batch: 7552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
trans-1,2-Dichloroethene			10.0	10.51		ug/L		105	77 - 125		
trans-1,3-Dichloropropene			10.0	10.08		ug/L		101	80 - 120		
1,2,3-Trichlorobenzene			10.0	10.58		ug/L		106	80 - 122		
1,2,4-Trichlorobenzene			10.0	10.64		ug/L		106	80 - 122		
1,1,1-Trichloroethane			10.0	10.14		ug/L		101	80 - 128		
1,1,2-Trichloroethane			10.0	10.59		ug/L		106	80 - 120		
Trichloroethene			10.0	10.90		ug/L		109	80 - 120		
Trichlorofluoromethane			10.0	9.088		ug/L		91	77 - 125		
1,2,3-Trichloropropane			10.0	10.57		ug/L		106	76 - 120		
1,2,4-Trimethylbenzene			10.0	10.72		ug/L		107	80 - 120		
1,3,5-Trimethylbenzene			10.0	11.12		ug/L		111	80 - 122		
Vinyl acetate			10.0	7.576		ug/L		76	74 - 128		
Vinyl chloride			10.0	9.758		ug/L		98	63 - 135		
Isopropanol			50.0	49.11	J	ug/L		98	80 - 120		
Hexachloro-1,3-butadiene			10.0	10.14		ug/L		101	80 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*102*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-7552/4
Matrix: Water
Analysis Batch: 7552

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			10.0	11.91		ug/L		119	50 - 150	0	30
Benzene			10.0	10.24		ug/L		102	80 - 120	3	22
Bromobenzene			10.0	10.60		ug/L		106	80 - 120	4	22
Bromochloromethane			10.0	10.43		ug/L		104	75 - 123	0	27
Bromodichloromethane			10.0	10.29		ug/L		103	80 - 121	2	29
Bromoform			10.0	10.21		ug/L		102	74 - 140	0	30
Bromomethane			10.0	9.656		ug/L		97	50 - 150	6	30
2-Butanone			10.0	10.03		ug/L		100	55 - 187	0	30
Carbon disulfide			10.0	10.25		ug/L		103	64 - 130	4	34
Carbon tetrachloride			10.0	9.315		ug/L		93	80 - 129	6	36
Chlorobenzene			10.0	10.23		ug/L		102	80 - 120	4	29
Chloroethane			10.0	11.63		ug/L		116	72 - 126	2	30
Chloroform			10.0	10.27		ug/L		103	76 - 124	3	29
Chloromethane			10.0	9.773		ug/L		98	53 - 143	7	30
2-Chlorotoluene			10.0	10.11		ug/L		101	80 - 124	4	29
4-Chlorotoluene			10.0	9.975		ug/L		100	80 - 122	4	25
cis-1,2-Dichloroethene			10.0	10.21		ug/L		102	75 - 123	3	26
cis-1,3-Dichloropropene			10.0	9.845		ug/L		98	80 - 122	1	30
Dibromochloromethane			10.0	10.52		ug/L		105	79 - 127	2	30
1,2-Dibromo-3-Chloropropane			10.0	8.677		ug/L		87	80 - 124	1	23
1,2-Dibromoethane			10.0	10.17		ug/L		102	80 - 120	1	32

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7552/4
Matrix: Water
Analysis Batch: 7552

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromomethane	10.0	10.20		ug/L		102	80 - 122	1	30
1,2-Dichlorobenzene	10.0	10.30		ug/L		103	80 - 120	0	30
1,3-Dichlorobenzene	10.0	10.25		ug/L		102	80 - 122	3	30
1,4-Dichlorobenzene	10.0	9.867		ug/L		99	80 - 120	1	20
Dichlorodifluoromethane	10.0	7.545		ug/L		75	50 - 150	5	30
1,1-Dichloroethane	10.0	9.952		ug/L		100	71 - 120	4	30
1,2-Dichloroethane	10.0	10.27		ug/L		103	80 - 122	0	23
1,1-Dichloroethene	10.0	9.945		ug/L		99	77 - 120	4	26
1,2-Dichloropropane	10.0	10.00		ug/L		100	80 - 120	0	23
1,3-Dichloropropane	10.0	10.25		ug/L		103	80 - 120	0	24
2,2-Dichloropropane	10.0	7.993		ug/L		80	64 - 154	4	30
1,1-Dichloropropene	10.0	9.359		ug/L		94	78 - 126	3	24
Di-isopropyl ether (DIPE)	10.0	10.07		ug/L		101	73 - 121	1	26
Ethylbenzene	10.0	10.55		ug/L		105	80 - 120	4	25
Ethyl-t-butyl ether (ETBE)	10.0	9.571		ug/L		96	76 - 124	1	30
2-Hexanone	10.0	10.24		ug/L		102	67 - 151	4	30
Isopropylbenzene	10.0	10.49		ug/L		105	80 - 124	4	30
Methylene Chloride	10.0	10.44		ug/L		104	77 - 120	2	24
4-Methyl-2-pentanone	10.0	9.240		ug/L		92	73 - 127	7	30
Methyl-t-Butyl Ether (MTBE)	10.0	9.743		ug/L		97	75 - 123	0	27
m,p-Xylene	20.0	21.56		ug/L		108	80 - 120	5	30
Naphthalene	10.0	10.47		ug/L		105	73 - 139	1	30
n-Butylbenzene	10.0	10.03		ug/L		100	80 - 126	6	30
N-Propylbenzene	10.0	10.85		ug/L		108	79 - 127	4	30
o-Xylene	10.0	10.57		ug/L		106	80 - 120	4	30
p-Isopropyltoluene	10.0	9.995		ug/L		100	80 - 120	3	22
sec-Butylbenzene	10.0	9.987		ug/L		100	79 - 127	4	30
Styrene	10.0	10.92		ug/L		109	80 - 120	4	24
Tert-amyl-methyl ether (TAME)	10.0	9.775		ug/L		98	80 - 120	1	24
tert-Butyl alcohol (TBA)	50.0	60.12		ug/L		120	80 - 120	18	30
tert-Butylbenzene	10.0	9.595		ug/L		96	80 - 125	3	30
1,1,1,2-Tetrachloroethane	10.0	10.22		ug/L		102	80 - 122	4	24
1,1,2,2-Tetrachloroethane	10.0	9.290		ug/L		93	80 - 121	0	30
Tetrachloroethene	10.0	15.96	*	ug/L		160	79 - 121	10	29
Toluene	10.0	10.29		ug/L		103	80 - 120	3	28
trans-1,2-Dichloroethene	10.0	10.19		ug/L		102	77 - 125	3	30
trans-1,3-Dichloropropene	10.0	9.829		ug/L		98	80 - 120	3	26
1,2,3-Trichlorobenzene	10.0	10.66		ug/L		107	80 - 122	1	30
1,2,4-Trichlorobenzene	10.0	10.38		ug/L		104	80 - 122	2	30
1,1,1-Trichloroethane	10.0	9.648		ug/L		96	80 - 128	5	23
1,1,2-Trichloroethane	10.0	10.39		ug/L		104	80 - 120	2	21
Trichloroethene	10.0	10.28		ug/L		103	80 - 120	6	25
Trichlorofluoromethane	10.0	8.610		ug/L		86	77 - 125	5	30
1,2,3-Trichloropropane	10.0	10.32		ug/L		103	76 - 120	2	30
1,2,4-Trimethylbenzene	10.0	10.26		ug/L		103	80 - 120	4	30
1,3,5-Trimethylbenzene	10.0	10.70		ug/L		107	80 - 122	4	30
Vinyl acetate	10.0	6.669	*	ug/L		67	74 - 128	13	30
Vinyl chloride	10.0	9.280		ug/L		93	63 - 135	5	30
Isopropanol	50.0	48.00	J	ug/L		96	80 - 120	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7552/4
Matrix: Water
Analysis Batch: 7552

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachloro-1,3-butadiene			10.0	9.710		ug/L		97	80 - 122	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*68 - 120*
Dibromofluoromethane	*101*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 570-7799/8
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 18:26	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 18:26	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 18:26	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 18:26	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 18:26	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 18:26	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 18:26	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 18:26	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 18:26	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 18:26	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 18:26	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 18:26	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 18:26	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 18:26	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 18:26	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 18:26	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 18:26	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 18:26	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 18:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 18:26	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 18:26	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 18:26	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 18:26	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 18:26	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 18:26	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 18:26	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 18:26	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 18:26	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 18:26	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 18:26	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 18:26	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 18:26	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 18:26	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 18:26	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 18:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-7799/8
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 18:26	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 18:26	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 18:26	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 18:26	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 18:26	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 18:26	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 18:26	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 18:26	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 18:26	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 18:26	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 18:26	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 18:26	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 18:26	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 18:26	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 18:26	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 18:26	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 18:26	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 18:26	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 18:26	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/25/19 18:26	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 18:26	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 18:26	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 18:26	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 18:26	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 18:26	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 18:26	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 18:26	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 18:26	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 18:26	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 18:26	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 18:26	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 18:26	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/25/19 18:26	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 18:26	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 18:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*07/25/19 18:26*	*1*
Dibromofluoromethane	*105*		*80 - 127*		*07/25/19 18:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 128*		*07/25/19 18:26*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/25/19 18:26*	*1*

Lab Sample ID: LCS 570-7799/4
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	11.36		ug/L		114	50 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7799/4
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.52		ug/L		105	80 - 120
Bromobenzene	10.0	10.71		ug/L		107	80 - 120
Bromochloromethane	10.0	10.30		ug/L		103	75 - 123
Bromodichloromethane	10.0	10.88		ug/L		109	80 - 121
Bromoform	10.0	10.08		ug/L		101	74 - 140
Bromomethane	10.0	9.980		ug/L		100	50 - 150
2-Butanone	10.0	9.769		ug/L		98	55 - 187
Carbon disulfide	10.0	11.10		ug/L		111	64 - 130
Carbon tetrachloride	10.0	10.44		ug/L		104	80 - 129
Chlorobenzene	10.0	10.33		ug/L		103	80 - 120
Chloroethane	10.0	9.754		ug/L		98	72 - 126
Chloroform	10.0	10.47		ug/L		105	76 - 124
Chloromethane	10.0	10.08		ug/L		101	53 - 143
2-Chlorotoluene	10.0	10.21		ug/L		102	80 - 124
4-Chlorotoluene	10.0	10.23		ug/L		102	80 - 122
cis-1,2-Dichloroethene	10.0	10.47		ug/L		105	75 - 123
cis-1,3-Dichloropropene	10.0	10.25		ug/L		102	80 - 122
Dibromochloromethane	10.0	10.81		ug/L		108	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	9.305		ug/L		93	80 - 124
1,2-Dibromoethane	10.0	10.37		ug/L		104	80 - 120
Dibromomethane	10.0	10.36		ug/L		104	80 - 122
1,2-Dichlorobenzene	10.0	10.35		ug/L		103	80 - 120
1,3-Dichlorobenzene	10.0	10.48		ug/L		105	80 - 122
1,4-Dichlorobenzene	10.0	10.03		ug/L		100	80 - 120
Dichlorodifluoromethane	10.0	8.361		ug/L		84	50 - 150
1,1-Dichloroethane	10.0	10.18		ug/L		102	71 - 120
1,2-Dichloroethane	10.0	10.52		ug/L		105	80 - 122
1,1-Dichloroethene	10.0	10.76		ug/L		108	77 - 120
1,2-Dichloropropane	10.0	10.06		ug/L		101	80 - 120
1,3-Dichloropropane	10.0	10.33		ug/L		103	80 - 120
2,2-Dichloropropane	10.0	10.51		ug/L		105	64 - 154
1,1-Dichloropropene	10.0	10.12		ug/L		101	78 - 126
Di-isopropyl ether (DIPE)	10.0	10.18		ug/L		102	73 - 121
Ethylbenzene	10.0	10.80		ug/L		108	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.549		ug/L		95	76 - 124
2-Hexanone	10.0	9.497	J	ug/L		95	67 - 151
Isopropylbenzene	10.0	10.72		ug/L		107	80 - 124
Methylene Chloride	10.0	10.69		ug/L		107	77 - 120
4-Methyl-2-pentanone	10.0	8.878		ug/L		89	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	9.891		ug/L		99	75 - 123
m,p-Xylene	20.0	22.31		ug/L		112	80 - 120
Naphthalene	10.0	10.30		ug/L		103	73 - 139
n-Butylbenzene	10.0	10.60		ug/L		106	80 - 126
N-Propylbenzene	10.0	11.23		ug/L		112	79 - 127
o-Xylene	10.0	10.76		ug/L		108	80 - 120
p-Isopropyltoluene	10.0	10.32		ug/L		103	80 - 120
sec-Butylbenzene	10.0	10.28		ug/L		103	79 - 127
Styrene	10.0	11.17		ug/L		112	80 - 120
Tert-amyl-methyl ether (TAME)	10.0	9.754		ug/L		98	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7799/4
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butyl alcohol (TBA)	50.0	55.07		ug/L		110	80 - 120
tert-Butylbenzene	10.0	10.24		ug/L		102	80 - 125
1,1,1,2-Tetrachloroethane	10.0	10.52		ug/L		105	80 - 122
1,1,2,2-Tetrachloroethane	10.0	9.865		ug/L		99	80 - 121
Tetrachloroethene	10.0	10.61		ug/L		106	79 - 121
Toluene	10.0	10.55		ug/L		106	80 - 120
trans-1,2-Dichloroethene	10.0	10.53		ug/L		105	77 - 125
trans-1,3-Dichloropropene	10.0	10.18		ug/L		102	80 - 120
1,2,3-Trichlorobenzene	10.0	10.78		ug/L		108	80 - 122
1,2,4-Trichlorobenzene	10.0	10.53		ug/L		105	80 - 122
1,1,1-Trichloroethane	10.0	10.28		ug/L		103	80 - 128
1,1,2-Trichloroethane	10.0	10.47		ug/L		105	80 - 120
Trichloroethene	10.0	10.48		ug/L		105	80 - 120
Trichlorofluoromethane	10.0	9.540		ug/L		95	77 - 125
1,2,3-Trichloropropane	10.0	10.70		ug/L		107	76 - 120
1,2,4-Trimethylbenzene	10.0	10.42		ug/L		104	80 - 120
1,3,5-Trimethylbenzene	10.0	10.96		ug/L		110	80 - 122
Vinyl acetate	10.0	8.263		ug/L		83	74 - 128
Vinyl chloride	10.0	9.632		ug/L		96	63 - 135
Isopropanol	50.0	52.38	J	ug/L		105	80 - 120
Hexachloro-1,3-butadiene	10.0	10.40		ug/L		104	80 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*104*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-7799/5
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10.0	11.07		ug/L		111	50 - 150	3	30
Benzene	10.0	10.25		ug/L		102	80 - 120	3	22
Bromobenzene	10.0	10.54		ug/L		105	80 - 120	2	22
Bromochloromethane	10.0	10.26		ug/L		103	75 - 123	0	27
Bromodichloromethane	10.0	10.44		ug/L		104	80 - 121	4	29
Bromoform	10.0	10.30		ug/L		103	74 - 140	2	30
Bromomethane	10.0	10.13		ug/L		101	50 - 150	2	30
2-Butanone	10.0	10.09		ug/L		101	55 - 187	3	30
Carbon disulfide	10.0	10.76		ug/L		108	64 - 130	3	34
Carbon tetrachloride	10.0	10.32		ug/L		103	80 - 129	1	36
Chlorobenzene	10.0	10.34		ug/L		103	80 - 120	0	29
Chloroethane	10.0	9.455		ug/L		95	72 - 126	3	30
Chloroform	10.0	10.27		ug/L		103	76 - 124	2	29
Chloromethane	10.0	10.28		ug/L		103	53 - 143	2	30
2-Chlorotoluene	10.0	10.08		ug/L		101	80 - 124	1	29

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7799/5
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chlorotoluene			10.0	9.874		ug/L		99	80 - 122	4	25
cis-1,2-Dichloroethene			10.0	10.29		ug/L		103	75 - 123	2	26
cis-1,3-Dichloropropene			10.0	10.09		ug/L		101	80 - 122	2	30
Dibromochloromethane			10.0	10.52		ug/L		105	79 - 127	3	30
1,2-Dibromo-3-Chloropropane			10.0	9.410		ug/L		94	80 - 124	1	23
1,2-Dibromoethane			10.0	10.37		ug/L		104	80 - 120	0	32
Dibromomethane			10.0	10.38		ug/L		104	80 - 122	0	30
1,2-Dichlorobenzene			10.0	10.20		ug/L		102	80 - 120	1	30
1,3-Dichlorobenzene			10.0	10.32		ug/L		103	80 - 122	2	30
1,4-Dichlorobenzene			10.0	10.02		ug/L		100	80 - 120	0	20
Dichlorodifluoromethane			10.0	8.089		ug/L		81	50 - 150	3	30
1,1-Dichloroethane			10.0	10.09		ug/L		101	71 - 120	1	30
1,2-Dichloroethane			10.0	10.36		ug/L		104	80 - 122	2	23
1,1-Dichloroethene			10.0	10.41		ug/L		104	77 - 120	3	26
1,2-Dichloropropane			10.0	9.991		ug/L		100	80 - 120	1	23
1,3-Dichloropropane			10.0	10.35		ug/L		103	80 - 120	0	24
2,2-Dichloropropane			10.0	10.01		ug/L		100	64 - 154	5	30
1,1-Dichloropropene			10.0	9.873		ug/L		99	78 - 126	2	24
Di-isopropyl ether (DIPE)			10.0	9.957		ug/L		100	73 - 121	2	26
Ethylbenzene			10.0	10.51		ug/L		105	80 - 120	3	25
Ethyl-t-butyl ether (ETBE)			10.0	9.518		ug/L		95	76 - 124	0	30
2-Hexanone			10.0	10.98		ug/L		110	67 - 151	14	30
Isopropylbenzene			10.0	10.51		ug/L		105	80 - 124	2	30
Methylene Chloride			10.0	10.39		ug/L		104	77 - 120	3	24
4-Methyl-2-pentanone			10.0	8.917		ug/L		89	73 - 127	0	30
Methyl-t-Butyl Ether (MTBE)			10.0	9.891		ug/L		99	75 - 123	0	27
m,p-Xylene			20.0	21.64		ug/L		108	80 - 120	3	30
Naphthalene			10.0	10.51		ug/L		105	73 - 139	2	30
n-Butylbenzene			10.0	10.44		ug/L		104	80 - 126	2	30
N-Propylbenzene			10.0	10.97		ug/L		110	79 - 127	2	30
o-Xylene			10.0	10.53		ug/L		105	80 - 120	2	30
p-Isopropyltoluene			10.0	10.08		ug/L		101	80 - 120	2	22
sec-Butylbenzene			10.0	9.991		ug/L		100	79 - 127	3	30
Styrene			10.0	10.82		ug/L		108	80 - 120	3	24
Tert-amyl-methyl ether (TAME)			10.0	9.865		ug/L		99	80 - 120	1	24
tert-Butyl alcohol (TBA)			50.0	58.59		ug/L		117	80 - 120	6	30
tert-Butylbenzene			10.0	9.952		ug/L		100	80 - 125	3	30
1,1,1,2-Tetrachloroethane			10.0	10.28		ug/L		103	80 - 122	2	24
1,1,2,2-Tetrachloroethane			10.0	9.701		ug/L		97	80 - 121	2	30
Tetrachloroethene			10.0	10.91		ug/L		109	79 - 121	3	29
Toluene			10.0	10.26		ug/L		103	80 - 120	3	28
trans-1,2-Dichloroethene			10.0	10.17		ug/L		102	77 - 125	3	30
trans-1,3-Dichloropropene			10.0	10.21		ug/L		102	80 - 120	0	26
1,2,3-Trichlorobenzene			10.0	10.67		ug/L		107	80 - 122	1	30
1,2,4-Trichlorobenzene			10.0	10.64		ug/L		106	80 - 122	1	30
1,1,1-Trichloroethane			10.0	9.976		ug/L		100	80 - 128	3	23
1,1,2-Trichloroethane			10.0	10.44		ug/L		104	80 - 120	0	21
Trichloroethene			10.0	10.18		ug/L		102	80 - 120	3	25
Trichlorofluoromethane			10.0	9.076		ug/L		91	77 - 125	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7799/5
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane			10.0	10.79		ug/L		108	76 - 120	1	30
1,2,4-Trimethylbenzene			10.0	10.26		ug/L		103	80 - 120	2	30
1,3,5-Trimethylbenzene			10.0	10.73		ug/L		107	80 - 122	2	30
Vinyl acetate			10.0	9.572		ug/L		96	74 - 128	15	30
Vinyl chloride			10.0	9.342		ug/L		93	63 - 135	3	30
Isopropanol			50.0	48.32	J	ug/L		97	80 - 120	8	20
Hexachloro-1,3-butadiene			10.0	10.06		ug/L		101	80 - 122	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*102*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260C_SIM - 1,4-Dioxane by SIM

Lab Sample ID: MB 570-8529/10
Matrix: Water
Analysis Batch: 8529

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/29/19 13:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*103*		*67 - 133*		*07/29/19 13:32*	*1*

Lab Sample ID: LCS 570-8529/6
Matrix: Water
Analysis Batch: 8529

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane			20.0	19.00		ug/L		95	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dichlorobutane (Surr)	*100*		*67 - 133*

Lab Sample ID: LCSD 570-8529/8
Matrix: Water
Analysis Batch: 8529

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			20.0	18.21		ug/L		91	75 - 120	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dichlorobutane (Surr)	*101*		*67 - 133*

Method: 8260C_SIM - 1,4-Dioxane by SIM (Continued)

Lab Sample ID: MB 570-8716/7
Matrix: Water
Analysis Batch: 8716

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/30/19 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*101*		*67 - 133*		*07/30/19 12:03*	*1*

Lab Sample ID: LCS 570-8716/4
Matrix: Water
Analysis Batch: 8716

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			20.0	18.08		ug/L		90	75 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dichlorobutane (Surr)	*101*		*67 - 133*

Lab Sample ID: LCSD 570-8716/5
Matrix: Water
Analysis Batch: 8716

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			20.0	20.49		ug/L		102	75 - 120	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dichlorobutane (Surr)	*91*		*67 - 133*

Method: RSK-175 - Dissolved Gases in Water

Lab Sample ID: MB 570-6581/4
Matrix: Water
Analysis Batch: 6581

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 10:59	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 10:59	1
Methane	ND		1.0	0.0080	ug/L			07/20/19 10:59	1

Lab Sample ID: LCS 570-6581/2
Matrix: Water
Analysis Batch: 6581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethane			26.3	26.86		ug/L		102	80 - 120		
Ethylene			33.2	33.94		ug/L		102	80 - 120		
Methane			13.6	13.21		ug/L		97	80 - 120		

Method: RSK-175 - Dissolved Gases in Water (Continued)

Lab Sample ID: LCSD 570-6581/3
Matrix: Water
Analysis Batch: 6581

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethane			26.3	26.97		ug/L		103	80 - 120	0	20
Ethylene			33.2	34.10		ug/L		103	80 - 120	0	20
Methane			13.6	13.28		ug/L		98	80 - 120	0	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-6261/5
Matrix: Water
Analysis Batch: 6261

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.045	mg/L			07/19/19 11:48	1

Lab Sample ID: LCS 570-6261/6
Matrix: Water
Analysis Batch: 6261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N			5.00	5.029		mg/L		101	90 - 110		

Lab Sample ID: 570-2242-D-3 MS
Matrix: Water
Analysis Batch: 6261

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	12	E F1	5.00	18.44	E F1	mg/L		123	80 - 120		

Lab Sample ID: 570-2242-D-3 MSD
Matrix: Water
Analysis Batch: 6261

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	12	E F1	5.00	18.35	E F1	mg/L		121	80 - 120	0	20

Lab Sample ID: MB 570-6262/5
Matrix: Water
Analysis Batch: 6262

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.49	mg/L			07/19/19 11:48	1
Sulfate	ND		1.0	0.49	mg/L			07/19/19 11:48	1

Lab Sample ID: LCS 570-6262/6
Matrix: Water
Analysis Batch: 6262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			50.0	47.77		mg/L		96	90 - 110		
Sulfate			50.0	49.65		mg/L		99	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 570-2242-D-3 MS
Matrix: Water
Analysis Batch: 6262

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	15		50.0	65.20		mg/L		100	80 - 120
Sulfate	20		50.0	72.41		mg/L		105	80 - 120

Lab Sample ID: 570-2242-D-3 MSD
Matrix: Water
Analysis Batch: 6262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	15		50.0	65.08		mg/L		100	80 - 120	0	20
Sulfate	20		50.0	71.84		mg/L		104	80 - 120	1	20

Method: VFA - HPLC - Volatile Fatty Acids (HPLC/UV)

Lab Sample ID: MB 570-7271/3
Matrix: Water
Analysis Batch: 7271

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	ND		4.0	1.2	mg/L			07/23/19 20:21	1
Butyric acid	ND		4.0	1.2	mg/L			07/23/19 20:21	1
Lactic acid	ND		4.0	0.89	mg/L			07/23/19 20:21	1
Propionic acid	ND		4.0	0.83	mg/L			07/23/19 20:21	1
Pyruvic Acid	ND		0.50	0.064	mg/L			07/23/19 20:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromopropanoic acid	*105*		*74 - 122*		*07/23/19 20:21*	*1*

Lab Sample ID: LCS 570-7271/25
Matrix: Water
Analysis Batch: 7271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetic acid	20.0	19.50		mg/L		97	71 - 131
Butyric acid	20.0	22.15		mg/L		111	78 - 132
Lactic acid	20.0	20.51		mg/L		103	70 - 130
Propionic acid	20.0	17.96		mg/L		90	66 - 126
Pyruvic Acid	2.00	1.601		mg/L		80	65 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromopropanoic acid	*108*		*74 - 122*

Lab Sample ID: LCS 570-7271/4
Matrix: Water
Analysis Batch: 7271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetic acid	20.0	18.07		mg/L		90	71 - 131
Butyric acid	20.0	18.06		mg/L		90	78 - 132
Lactic acid	20.0	20.04		mg/L		100	70 - 130

Method: VFA - HPLC - Volatile Fatty Acids (HPLC/UV) (Continued)

Lab Sample ID: LCS 570-7271/4
Matrix: Water
Analysis Batch: 7271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Propionic acid	20.0	17.75		mg/L		89	66 - 126
Pyruvic Acid	2.00	1.515		mg/L		76	65 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromopropanoic acid	*104*		*74 - 122*

Lab Sample ID: 570-2371-J-1 MS
Matrix: Water
Analysis Batch: 7271

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetic acid	900	E	20.0	905.8	E 4	mg/L		19	71 - 131
Butyric acid	1200	E	20.0	1229	E 4	mg/L		52	78 - 132
Lactic acid	ND		20.0	21.02		mg/L		105	70 - 130
Propionic acid	98	E	20.0	106.0	E 4	mg/L		40	66 - 126
Pyruvic Acid	ND	F1	2.00	1.064	F1	mg/L		53	65 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromopropanoic acid	*108*		*74 - 122*

Lab Sample ID: 570-2371-J-1 MSD
Matrix: Water
Analysis Batch: 7271

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetic acid	900	E	20.0	908.3	E 4	mg/L		31	71 - 131	0	30
Butyric acid	1200	E	20.0	1222	E 4	mg/L		18	78 - 132	1	30
Lactic acid	ND		20.0	21.93		mg/L		110	70 - 130	4	30
Propionic acid	98	E	20.0	116.1	E 4	mg/L		91	66 - 126	9	30
Pyruvic Acid	ND	F1	2.00	1.116	F1	mg/L		56	65 - 131	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromopropanoic acid	*114*		*74 - 122*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-8028/1-A
Matrix: Water
Analysis Batch: 8824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.500	0.123	mg/L		07/25/19 15:00	07/30/19 10:58	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-8028/1-A
Matrix: Water
Analysis Batch: 8832

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.500	0.123	mg/L		07/25/19 15:00	07/30/19 14:58	1

Lab Sample ID: LCS 570-8028/2-A
Matrix: Water
Analysis Batch: 8824

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.500	0.4062	J	mg/L		81	80 - 120

Lab Sample ID: LCS 570-8028/2-A
Matrix: Water
Analysis Batch: 8832

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.500	0.5184		mg/L		104	80 - 120

Lab Sample ID: LCSD 570-8028/3-A
Matrix: Water
Analysis Batch: 8824

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8028

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.500	0.4076	J	mg/L		82	80 - 120	0	20

Lab Sample ID: LCSD 570-8028/3-A
Matrix: Water
Analysis Batch: 8832

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8028

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.500	0.4906	J	mg/L		98	80 - 120	6	20

Lab Sample ID: 570-2251-2 MS
Matrix: Water
Analysis Batch: 8832

Client Sample ID: ES-2
Prep Type: Total/NA
Prep Batch: 8028

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	ND	F2 F1	0.500	0.2417	J F1	mg/L		48	65 - 149

Lab Sample ID: 570-2251-2 MSD
Matrix: Water
Analysis Batch: 8832

Client Sample ID: ES-2
Prep Type: Total/NA
Prep Batch: 8028

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	ND	F2 F1	0.500	0.3602	J F2	mg/L		72	65 - 149	39	21

Lab Sample ID: MB 570-7356/1-A
Matrix: Water
Analysis Batch: 8832

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 7356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.500	0.123	mg/L		07/23/19 15:00	07/30/19 18:43	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-7356/1-A
Matrix: Water
Analysis Batch: 8832

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 7356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	ND		0.0500	0.00405	mg/L		07/23/19 15:00	07/30/19 18:43	1

Lab Sample ID: LCS 570-7356/2-A
Matrix: Water
Analysis Batch: 8832

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 7356

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.500	0.4815	J	mg/L		96	80 - 120
Manganese	0.500	0.4777		mg/L		96	80 - 120

Lab Sample ID: LCSD 570-7356/3-A
Matrix: Water
Analysis Batch: 8832

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 7356

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.500	0.4518	J	mg/L		90	80 - 120	6	20
Manganese	0.500	0.4272		mg/L		85	80 - 120	11	20

Lab Sample ID: 570-2245-J-3-B MS
Matrix: Water
Analysis Batch: 8832

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 7356

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	ND		0.500	0.6271		mg/L		125	65 - 149
Manganese	0.00659	J F2	0.500	0.5666		mg/L		112	86 - 116

Lab Sample ID: 570-2245-J-3-C MSD
Matrix: Water
Analysis Batch: 8832

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 7356

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	ND		0.500	0.5959		mg/L		119	65 - 149	5	21
Manganese	0.00659	J F2	0.500	0.5234	F2	mg/L		103	86 - 116	8	7

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-6918/10
Matrix: Water
Analysis Batch: 6918

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	1.69	mg/L			07/22/19 13:42	1

Lab Sample ID: LCS 570-6918/8
Matrix: Water
Analysis Batch: 6918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total (As CaCO3)	100	99.06		mg/L		99	80 - 120

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCSD 570-6918/9
Matrix: Water
Analysis Batch: 6918

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)			100	96.38		mg/L		96	80 - 120	3	20

Lab Sample ID: 570-2245-A-3 DU
Matrix: Water
Analysis Batch: 6918

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total (As CaCO3)	365			365.7		mg/L				0.3	25

Lab Sample ID: MB 570-8054/23
Matrix: Water
Analysis Batch: 8054

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	1.69	mg/L			07/25/19 14:42	1

Lab Sample ID: LCS 570-8054/21
Matrix: Water
Analysis Batch: 8054

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Alkalinity, Total (As CaCO3)			100	97.74		mg/L		98	80 - 120		

Lab Sample ID: LCSD 570-8054/22
Matrix: Water
Analysis Batch: 8054

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)			100	96.49		mg/L		96	80 - 120	1	20

Lab Sample ID: 570-2526-U-2 DU
Matrix: Water
Analysis Batch: 8054

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total (As CaCO3)	135			137.6		mg/L				2	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-6765/1
Matrix: Water
Analysis Batch: 6765

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		0.0500	0.0435	mg/L			07/22/19 10:03	1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 570-6765/2
Matrix: Water
Analysis Batch: 6765

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	100	95.00		mg/L		95	84 - 108

Lab Sample ID: LCSD 570-6765/3
Matrix: Water
Analysis Batch: 6765

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids	100	95.00		mg/L		95	84 - 108	0	10

Lab Sample ID: 570-2251-2 DU
Matrix: Water
Analysis Batch: 6765

Client Sample ID: ES-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	855		885.0		mg/L		3	10

Method: SM 5310D - Organic Carbon, Total (TOC)

Lab Sample ID: MB 570-6822/62
Matrix: Water
Analysis Batch: 6822

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon, Total Organic	ND		0.500	0.0259	mg/L			07/20/19 20:34	1

Lab Sample ID: LCS 570-6822/63
Matrix: Water
Analysis Batch: 6822

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon, Total Organic	5.00	4.680		mg/L		94	85 - 115

Lab Sample ID: LCSD 570-6822/64
Matrix: Water
Analysis Batch: 6822

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon, Total Organic	5.00	4.830		mg/L		97	85 - 115	3	20

Lab Sample ID: 570-2339-A-4 MS
Matrix: Water
Analysis Batch: 6822

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon, Total Organic	1.27		5.00	5.821		mg/L		91	31 - 145

Method: SM 5310D - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 570-2339-A-4 MSD
Matrix: Water
Analysis Batch: 6822

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon, Total Organic	1.27		5.00	5.790		mg/L		90	31 - 145	1	20

Marginal Exceedance (ME) Summary

Client: Jacob & Hefner Associates P.C.
Job ID: 570-2251-1
Project/Site: Former Conexant Systems

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-7552/3
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Acetone	10.0	11.95		ug/L	119	50 - 150	N/A	
Benzene	10.0	10.53		ug/L	105	80 - 120	N/A	
Bromobenzene	10.0	10.98		ug/L	110	80 - 120	N/A	
Bromochloromethane	10.0	10.48		ug/L	105	75 - 123	N/A	
Bromodichloromethane	10.0	10.46		ug/L	105	80 - 121	N/A	
Bromoform	10.0	10.18		ug/L	102	74 - 140	N/A	
Bromomethane	10.0	10.21		ug/L	102	50 - 150	N/A	
2-Butanone	10.0	10.06		ug/L	101	55 - 187	N/A	
Carbon disulfide	10.0	10.71		ug/L	107	64 - 130	N/A	
Carbon tetrachloride	10.0	9.871		ug/L	99	80 - 129	N/A	
Chlorobenzene	10.0	10.63		ug/L	106	80 - 120	N/A	
Chloroethane	10.0	11.84		ug/L	118	72 - 126	N/A	
Chloroform	10.0	10.54		ug/L	105	76 - 124	N/A	
Chloromethane	10.0	10.48		ug/L	105	53 - 143	N/A	
2-Chlorotoluene	10.0	10.47		ug/L	105	80 - 124	N/A	
4-Chlorotoluene	10.0	10.40		ug/L	104	80 - 122	N/A	
cis-1,2-Dichloroethene	10.0	10.50		ug/L	105	75 - 123	N/A	
cis-1,3-Dichloropropene	10.0	9.906		ug/L	99	80 - 122	N/A	
Dibromochloromethane	10.0	10.68		ug/L	107	79 - 127	N/A	
1,2-Dibromo-3-Chloropropane	10.0	8.782		ug/L	88	80 - 124	N/A	
1,2-Dibromoethane	10.0	10.27		ug/L	103	80 - 120	N/A	
Dibromomethane	10.0	10.27		ug/L	103	80 - 122	N/A	
1,2-Dichlorobenzene	10.0	10.28		ug/L	103	80 - 120	N/A	
1,3-Dichlorobenzene	10.0	10.60		ug/L	106	80 - 122	N/A	
1,4-Dichlorobenzene	10.0	10.01		ug/L	100	80 - 120	N/A	
Dichlorodifluoromethane	10.0	7.896		ug/L	79	50 - 150	N/A	
1,1-Dichloroethane	10.0	10.35		ug/L	103	71 - 120	N/A	
1,2-Dichloroethane	10.0	10.31		ug/L	103	80 - 122	N/A	
1,1-Dichloroethene	10.0	10.36		ug/L	104	77 - 120	N/A	
1,2-Dichloropropane	10.0	9.998		ug/L	100	80 - 120	N/A	
1,3-Dichloropropane	10.0	10.23		ug/L	102	80 - 120	N/A	
2,2-Dichloropropane	10.0	8.346		ug/L	83	64 - 154	N/A	
1,1-Dichloropropene	10.0	9.640		ug/L	96	78 - 126	N/A	
Di-isopropyl ether (DIPE)	10.0	10.22		ug/L	102	73 - 121	N/A	
Ethylbenzene	10.0	11.01		ug/L	110	80 - 120	N/A	
Ethyl-t-butyl ether (ETBE)	10.0	9.497		ug/L	95	76 - 124	N/A	
2-Hexanone	10.0	10.70		ug/L	107	67 - 151	N/A	
Isopropylbenzene	10.0	10.95		ug/L	109	80 - 124	N/A	
Methylene Chloride	10.0	10.66		ug/L	107	77 - 120	N/A	
4-Methyl-2-pentanone	10.0	8.606		ug/L	86	73 - 127	N/A	
Methyl-t-Butyl Ether (MTBE)	10.0	9.718		ug/L	97	75 - 123	N/A	
m,p-Xylene	20.0	22.63		ug/L	113	80 - 120	N/A	
Naphthalene	10.0	10.33		ug/L	103	73 - 139	N/A	
n-Butylbenzene	10.0	10.66		ug/L	107	80 - 126	N/A	
N-Propylbenzene	10.0	11.33		ug/L	113	79 - 127	N/A	
o-Xylene	10.0	10.99		ug/L	110	80 - 120	N/A	
p-Isopropyltoluene	10.0	10.32		ug/L	103	80 - 120	N/A	
sec-Butylbenzene	10.0	10.44		ug/L	104	79 - 127	N/A	
Styrene	10.0	11.36		ug/L	114	80 - 120	N/A	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7552/3
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Tert-amyl-methyl ether (TAME)	10.0	9.845		ug/L	98	80 - 120	N/A	
tert-Butyl alcohol (TBA)	50.0	50.41		ug/L	101	80 - 120	N/A	
tert-Butylbenzene	10.0	9.914		ug/L	99	80 - 125	N/A	
1,1,1,2-Tetrachloroethane	10.0	10.65		ug/L	106	80 - 122	N/A	
1,1,2,2-Tetrachloroethane	10.0	9.250		ug/L	93	80 - 121	N/A	
Tetrachloroethene	10.0	17.67	*	ug/L	177	79 - 121	N/A	X
Toluene	10.0	10.56		ug/L	106	80 - 120	N/A	
trans-1,2-Dichloroethene	10.0	10.51		ug/L	105	77 - 125	N/A	
trans-1,3-Dichloropropene	10.0	10.08		ug/L	101	80 - 120	N/A	
1,2,3-Trichlorobenzene	10.0	10.58		ug/L	106	80 - 122	N/A	
1,2,4-Trichlorobenzene	10.0	10.64		ug/L	106	80 - 122	N/A	
1,1,1-Trichloroethane	10.0	10.14		ug/L	101	80 - 128	N/A	
1,1,2-Trichloroethane	10.0	10.59		ug/L	106	80 - 120	N/A	
Trichloroethene	10.0	10.90		ug/L	109	80 - 120	N/A	
Trichlorofluoromethane	10.0	9.088		ug/L	91	77 - 125	N/A	
1,2,3-Trichloropropane	10.0	10.57		ug/L	106	76 - 120	N/A	
1,2,4-Trimethylbenzene	10.0	10.72		ug/L	107	80 - 120	N/A	
1,3,5-Trimethylbenzene	10.0	11.12		ug/L	111	80 - 122	N/A	
Vinyl acetate	10.0	7.576		ug/L	76	74 - 128	N/A	
Vinyl chloride	10.0	9.758		ug/L	98	63 - 135	N/A	
Isopropanol	50.0	49.11	J	ug/L	98	80 - 120	N/A	
Hexachloro-1,3-butadiene	10.0	10.14		ug/L	101	80 - 122	73 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
71	4	0

X = % Recovery is greater than widest possible limit

Lab Sample ID: LCSD 570-7552/4
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Acetone	10.0	11.91		ug/L	119	50 - 150	N/A	
Benzene	10.0	10.24		ug/L	102	80 - 120	N/A	
Bromobenzene	10.0	10.60		ug/L	106	80 - 120	N/A	
Bromochloromethane	10.0	10.43		ug/L	104	75 - 123	N/A	
Bromodichloromethane	10.0	10.29		ug/L	103	80 - 121	N/A	
Bromoform	10.0	10.21		ug/L	102	74 - 140	N/A	
Bromomethane	10.0	9.656		ug/L	97	50 - 150	N/A	
2-Butanone	10.0	10.03		ug/L	100	55 - 187	N/A	
Carbon disulfide	10.0	10.25		ug/L	103	64 - 130	N/A	
Carbon tetrachloride	10.0	9.315		ug/L	93	80 - 129	N/A	
Chlorobenzene	10.0	10.23		ug/L	102	80 - 120	N/A	
Chloroethane	10.0	11.63		ug/L	116	72 - 126	N/A	
Chloroform	10.0	10.27		ug/L	103	76 - 124	N/A	
Chloromethane	10.0	9.773		ug/L	98	53 - 143	N/A	
2-Chlorotoluene	10.0	10.11		ug/L	101	80 - 124	N/A	
4-Chlorotoluene	10.0	9.975		ug/L	100	80 - 122	N/A	
cis-1,2-Dichloroethene	10.0	10.21		ug/L	102	75 - 123	N/A	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7552/4 **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
cis-1,3-Dichloropropene	10.0	9.845		ug/L	98	80 - 122	N/A	
Dibromochloromethane	10.0	10.52		ug/L	105	79 - 127	N/A	
1,2-Dibromo-3-Chloropropane	10.0	8.677		ug/L	87	80 - 124	N/A	
1,2-Dibromoethane	10.0	10.17		ug/L	102	80 - 120	N/A	
Dibromomethane	10.0	10.20		ug/L	102	80 - 122	N/A	
1,2-Dichlorobenzene	10.0	10.30		ug/L	103	80 - 120	N/A	
1,3-Dichlorobenzene	10.0	10.25		ug/L	102	80 - 122	N/A	
1,4-Dichlorobenzene	10.0	9.867		ug/L	99	80 - 120	N/A	
Dichlorodifluoromethane	10.0	7.545		ug/L	75	50 - 150	N/A	
1,1-Dichloroethane	10.0	9.952		ug/L	100	71 - 120	N/A	
1,2-Dichloroethane	10.0	10.27		ug/L	103	80 - 122	N/A	
1,1-Dichloroethene	10.0	9.945		ug/L	99	77 - 120	N/A	
1,2-Dichloropropane	10.0	10.00		ug/L	100	80 - 120	N/A	
1,3-Dichloropropane	10.0	10.25		ug/L	103	80 - 120	N/A	
2,2-Dichloropropane	10.0	7.993		ug/L	80	64 - 154	N/A	
1,1-Dichloropropene	10.0	9.359		ug/L	94	78 - 126	N/A	
Di-isopropyl ether (DIPE)	10.0	10.07		ug/L	101	73 - 121	N/A	
Ethylbenzene	10.0	10.55		ug/L	105	80 - 120	N/A	
Ethyl-t-butyl ether (ETBE)	10.0	9.571		ug/L	96	76 - 124	N/A	
2-Hexanone	10.0	10.24		ug/L	102	67 - 151	N/A	
Isopropylbenzene	10.0	10.49		ug/L	105	80 - 124	N/A	
Methylene Chloride	10.0	10.44		ug/L	104	77 - 120	N/A	
4-Methyl-2-pentanone	10.0	9.240		ug/L	92	73 - 127	N/A	
Methyl-t-Butyl Ether (MTBE)	10.0	9.743		ug/L	97	75 - 123	N/A	
m,p-Xylene	20.0	21.56		ug/L	108	80 - 120	N/A	
Naphthalene	10.0	10.47		ug/L	105	73 - 139	N/A	
n-Butylbenzene	10.0	10.03		ug/L	100	80 - 126	N/A	
N-Propylbenzene	10.0	10.85		ug/L	108	79 - 127	N/A	
o-Xylene	10.0	10.57		ug/L	106	80 - 120	N/A	
p-Isopropyltoluene	10.0	9.995		ug/L	100	80 - 120	N/A	
sec-Butylbenzene	10.0	9.987		ug/L	100	79 - 127	N/A	
Styrene	10.0	10.92		ug/L	109	80 - 120	N/A	
Tert-amyl-methyl ether (TAME)	10.0	9.775		ug/L	98	80 - 120	N/A	
tert-Butyl alcohol (TBA)	50.0	60.12		ug/L	120	80 - 120	N/A	
tert-Butylbenzene	10.0	9.595		ug/L	96	80 - 125	N/A	
1,1,1,2-Tetrachloroethane	10.0	10.22		ug/L	102	80 - 122	N/A	
1,1,2,2-Tetrachloroethane	10.0	9.290		ug/L	93	80 - 121	N/A	
Tetrachloroethene	10.0	15.96	*	ug/L	160	79 - 121	N/A	X
Toluene	10.0	10.29		ug/L	103	80 - 120	N/A	
trans-1,2-Dichloroethene	10.0	10.19		ug/L	102	77 - 125	N/A	
trans-1,3-Dichloropropene	10.0	9.829		ug/L	98	80 - 120	N/A	
1,2,3-Trichlorobenzene	10.0	10.66		ug/L	107	80 - 122	N/A	
1,2,4-Trichlorobenzene	10.0	10.38		ug/L	104	80 - 122	N/A	
1,1,1-Trichloroethane	10.0	9.648		ug/L	96	80 - 128	N/A	
1,1,2-Trichloroethane	10.0	10.39		ug/L	104	80 - 120	N/A	
Trichloroethene	10.0	10.28		ug/L	103	80 - 120	N/A	
Trichlorofluoromethane	10.0	8.610		ug/L	86	77 - 125	N/A	
1,2,3-Trichloropropane	10.0	10.32		ug/L	103	76 - 120	N/A	
1,2,4-Trimethylbenzene	10.0	10.26		ug/L	103	80 - 120	N/A	
1,3,5-Trimethylbenzene	10.0	10.70		ug/L	107	80 - 122	N/A	

Marginal Exceedance (ME) Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7552/4
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Vinyl acetate	10.0	6.669	*	ug/L	67	74 - 128	N/A	X
Vinyl chloride	10.0	9.280		ug/L	93	63 - 135	N/A	
Isopropanol	50.0	48.00	J	ug/L	96	80 - 120	N/A	
Hexachloro-1,3-butadiene	10.0	9.710		ug/L	97	80 - 122	73 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
71	4	0

X = % Recovery is greater than widest possible limit

GC/MS VOA

Analysis Batch: 7131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-1	TB-1	Total/NA	Water	8260B	
570-2251-2	ES-2	Total/NA	Water	8260B	
570-2251-3	ES-3A	Total/NA	Water	8260B	
570-2251-4	I-19	Total/NA	Water	8260B	
570-2251-5	I-18	Total/NA	Water	8260B	
570-2251-6	ES-1	Total/NA	Water	8260B	
MB 570-7131/8	Method Blank	Total/NA	Water	8260B	
LCS 570-7131/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-7131/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 7552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-7	I-3	Total/NA	Water	8260B	
570-2251-8	M-30	Total/NA	Water	8260B	
570-2251-9	M-29	Total/NA	Water	8260B	
570-2251-11	I-4R	Total/NA	Water	8260B	
570-2251-12	DUP-1	Total/NA	Water	8260B	
570-2251-13	M-48R	Total/NA	Water	8260B	
570-2251-14	ES-6	Total/NA	Water	8260B	
570-2251-15	I-15	Total/NA	Water	8260B	
570-2251-17	I-17	Total/NA	Water	8260B	
MB 570-7552/6	Method Blank	Total/NA	Water	8260B	
LCS 570-7552/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-7552/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 7799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-10	M-24	Total/NA	Water	8260B	
570-2251-16	I-16	Total/NA	Water	8260B	
570-2251-18	I-11	Total/NA	Water	8260B	
MB 570-7799/8	Method Blank	Total/NA	Water	8260B	
LCS 570-7799/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-7799/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 8529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-2	ES-2	Total/NA	Water	8260C_SIM	
570-2251-3	ES-3A	Total/NA	Water	8260C_SIM	
570-2251-4	I-19	Total/NA	Water	8260C_SIM	
570-2251-5	I-18	Total/NA	Water	8260C_SIM	
570-2251-6	ES-1	Total/NA	Water	8260C_SIM	
570-2251-7	I-3	Total/NA	Water	8260C_SIM	
570-2251-8	M-30	Total/NA	Water	8260C_SIM	
570-2251-9	M-29	Total/NA	Water	8260C_SIM	
570-2251-10	M-24	Total/NA	Water	8260C_SIM	
570-2251-11	I-4R	Total/NA	Water	8260C_SIM	
570-2251-14	ES-6	Total/NA	Water	8260C_SIM	
570-2251-15	I-15	Total/NA	Water	8260C_SIM	
MB 570-8529/10	Method Blank	Total/NA	Water	8260C_SIM	
LCS 570-8529/6	Lab Control Sample	Total/NA	Water	8260C_SIM	
LCSD 570-8529/8	Lab Control Sample Dup	Total/NA	Water	8260C_SIM	

QC Association Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

GC/MS VOA

Analysis Batch: 8716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-13	M-48R	Total/NA	Water	8260C_SIM	
570-2251-16	I-16	Total/NA	Water	8260C_SIM	
570-2251-17	I-17	Total/NA	Water	8260C_SIM	
570-2251-18	I-11	Total/NA	Water	8260C_SIM	
MB 570-8716/7	Method Blank	Total/NA	Water	8260C_SIM	
LCS 570-8716/4	Lab Control Sample	Total/NA	Water	8260C_SIM	
LCSD 570-8716/5	Lab Control Sample Dup	Total/NA	Water	8260C_SIM	

GC VOA

Analysis Batch: 6581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-2	ES-2	Total/NA	Water	RSK-175	
570-2251-3	ES-3A	Total/NA	Water	RSK-175	
570-2251-4	I-19	Total/NA	Water	RSK-175	
570-2251-5	I-18	Total/NA	Water	RSK-175	
570-2251-6	ES-1	Total/NA	Water	RSK-175	
570-2251-7	I-3	Total/NA	Water	RSK-175	
570-2251-8	M-30	Total/NA	Water	RSK-175	
570-2251-9	M-29	Total/NA	Water	RSK-175	
570-2251-10	M-24	Total/NA	Water	RSK-175	
570-2251-11	I-4R	Total/NA	Water	RSK-175	
570-2251-13	M-48R	Total/NA	Water	RSK-175	
570-2251-14	ES-6	Total/NA	Water	RSK-175	
570-2251-15	I-15	Total/NA	Water	RSK-175	
570-2251-16	I-16	Total/NA	Water	RSK-175	
570-2251-17	I-17	Total/NA	Water	RSK-175	
570-2251-18	I-11	Total/NA	Water	RSK-175	
MB 570-6581/4	Method Blank	Total/NA	Water	RSK-175	
LCS 570-6581/2	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 570-6581/3	Lab Control Sample Dup	Total/NA	Water	RSK-175	

HPLC/IC

Analysis Batch: 6261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-2	ES-2	Total/NA	Water	300.0	
570-2251-3	ES-3A	Total/NA	Water	300.0	
570-2251-4	I-19	Total/NA	Water	300.0	
570-2251-5	I-18	Total/NA	Water	300.0	
MB 570-6261/5	Method Blank	Total/NA	Water	300.0	
LCS 570-6261/6	Lab Control Sample	Total/NA	Water	300.0	
570-2242-D-3 MS	Matrix Spike	Total/NA	Water	300.0	
570-2242-D-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 6262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-2	ES-2	Total/NA	Water	300.0	
570-2251-3	ES-3A	Total/NA	Water	300.0	
570-2251-3	ES-3A	Total/NA	Water	300.0	
570-2251-4	I-19	Total/NA	Water	300.0	
570-2251-5	I-18	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 6262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-6262/5	Method Blank	Total/NA	Water	300.0	
LCS 570-6262/6	Lab Control Sample	Total/NA	Water	300.0	
570-2242-D-3 MS	Matrix Spike	Total/NA	Water	300.0	
570-2242-D-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 7271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-5	I-18	Total/NA	Water	VFA - HPLC	
MB 570-7271/3	Method Blank	Total/NA	Water	VFA - HPLC	
LCS 570-7271/25	Lab Control Sample	Total/NA	Water	VFA - HPLC	
LCS 570-7271/4	Lab Control Sample	Total/NA	Water	VFA - HPLC	
570-2371-J-1 MS	Matrix Spike	Total/NA	Water	VFA - HPLC	
570-2371-J-1 MSD	Matrix Spike Duplicate	Total/NA	Water	VFA - HPLC	

Metals

Prep Batch: 7356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-2	ES-2	Dissolved	Water	3005A	
570-2251-3	ES-3A	Dissolved	Water	3005A	
570-2251-4	I-19	Dissolved	Water	3005A	
570-2251-5	I-18	Dissolved	Water	3005A	
MB 570-7356/1-A	Method Blank	Total Recoverable	Water	3010A	
LCS 570-7356/2-A	Lab Control Sample	Total Recoverable	Water	3010A	
LCSD 570-7356/3-A	Lab Control Sample Dup	Total Recoverable	Water	3010A	
570-2245-J-3-B MS	Matrix Spike	Dissolved	Water	3005A	
570-2245-J-3-C MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	

Prep Batch: 8028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-2	ES-2	Total/NA	Water	3010A	
570-2251-3	ES-3A	Total/NA	Water	3010A	
570-2251-4	I-19	Total/NA	Water	3010A	
570-2251-5	I-18	Total/NA	Water	3010A	
MB 570-8028/1-A	Method Blank	Total/NA	Water	3010A	
LCS 570-8028/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 570-8028/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
570-2251-2 MS	ES-2	Total/NA	Water	3010A	
570-2251-2 MSD	ES-2	Total/NA	Water	3010A	

Analysis Batch: 8824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-3	ES-3A	Total/NA	Water	6010B	8028
570-2251-4	I-19	Total/NA	Water	6010B	8028
570-2251-5	I-18	Total/NA	Water	6010B	8028
MB 570-8028/1-A	Method Blank	Total/NA	Water	6010B	8028
LCS 570-8028/2-A	Lab Control Sample	Total/NA	Water	6010B	8028
LCSD 570-8028/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	8028

Metals

Analysis Batch: 8832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-2	ES-2	Dissolved	Water	6010B	7356
570-2251-2	ES-2	Total/NA	Water	6010B	8028
570-2251-3	ES-3A	Dissolved	Water	6010B	7356
570-2251-4	I-19	Dissolved	Water	6010B	7356
570-2251-5	I-18	Dissolved	Water	6010B	7356
MB 570-7356/1-A	Method Blank	Total Recoverable	Water	6010B	7356
MB 570-8028/1-A	Method Blank	Total/NA	Water	6010B	8028
LCS 570-7356/2-A	Lab Control Sample	Total Recoverable	Water	6010B	7356
LCS 570-8028/2-A	Lab Control Sample	Total/NA	Water	6010B	8028
LCSD 570-7356/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	7356
LCSD 570-8028/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	8028
570-2245-J-3-B MS	Matrix Spike	Dissolved	Water	6010B	7356
570-2245-J-3-C MSD	Matrix Spike Duplicate	Dissolved	Water	6010B	7356
570-2251-2 MS	ES-2	Total/NA	Water	6010B	8028
570-2251-2 MSD	ES-2	Total/NA	Water	6010B	8028

General Chemistry

Analysis Batch: 6765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-2	ES-2	Total/NA	Water	SM 2540C	
570-2251-3	ES-3A	Total/NA	Water	SM 2540C	
570-2251-4	I-19	Total/NA	Water	SM 2540C	
570-2251-5	I-18	Total/NA	Water	SM 2540C	
MB 570-6765/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-6765/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-6765/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-2251-2 DU	ES-2	Total/NA	Water	SM 2540C	

Analysis Batch: 6822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-2	ES-2	Total/NA	Water	SM 5310D	
570-2251-3	ES-3A	Total/NA	Water	SM 5310D	
570-2251-4	I-19	Total/NA	Water	SM 5310D	
570-2251-5	I-18	Total/NA	Water	SM 5310D	
MB 570-6822/62	Method Blank	Total/NA	Water	SM 5310D	
LCS 570-6822/63	Lab Control Sample	Total/NA	Water	SM 5310D	
LCSD 570-6822/64	Lab Control Sample Dup	Total/NA	Water	SM 5310D	
570-2339-A-4 MS	Matrix Spike	Total/NA	Water	SM 5310D	
570-2339-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5310D	

Analysis Batch: 6918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-2	ES-2	Total/NA	Water	SM 2320B	
570-2251-4	I-19	Total/NA	Water	SM 2320B	
570-2251-5	I-18	Total/NA	Water	SM 2320B	
MB 570-6918/10	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-6918/8	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-6918/9	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-2245-A-3 DU	Duplicate	Total/NA	Water	SM 2320B	

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

General Chemistry

Analysis Batch: 8054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2251-3	ES-3A	Total/NA	Water	SM 2320B	
MB 570-8054/23	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-8054/21	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-8054/22	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-2526-U-2 DU	Duplicate	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Client Sample ID: TB-1

Date Collected: 07/18/19 08:00
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7131	07/23/19 23:40	UX77	ECL 2
	Instrument ID: GCMSUU									

Client Sample ID: ES-2

Date Collected: 07/18/19 13:55
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7131	07/24/19 00:06	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 19:24	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 11:51	LEW3	ECL 2
	Instrument ID: GC52									
Total/NA	Analysis	300.0		1			6261	07/19/19 17:20	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		5			6262	07/19/19 23:57	URMH	ECL 1
	Instrument ID: IC10									
Dissolved	Prep	3005A			50 mL	50 mL	7356	07/23/19 15:00	WL8G	ECL 1
Dissolved	Analysis	6010B		1			8832	07/30/19 20:05	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	3010A			50 mL	50 mL	8028	07/25/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6010B		1			8832	07/30/19 15:11	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	6918	07/22/19 16:40	AP	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	20 mL	1 mL	6765	07/22/19 10:03	J8H7	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 5310D		1	40 mL	40 mL	6822	07/21/19 02:26	JC	ECL 1
	Instrument ID: TOC12									

Client Sample ID: ES-3A

Date Collected: 07/18/19 13:05
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7131	07/24/19 00:31	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 14:02	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 12:17	LEW3	ECL 2
	Instrument ID: GC52									
Total/NA	Analysis	300.0		1			6261	07/19/19 17:39	URMH	ECL 1
	Instrument ID: IC10									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Client Sample ID: ES-3A

Date Collected: 07/18/19 13:05
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			6262	07/19/19 17:39	URMH	ECL 1
Total/NA	Analysis	300.0		2			6262	07/20/19 00:16	URMH	ECL 1
	Instrument ID:	IC10								
Dissolved	Prep	3005A			50 mL	50 mL	7356	07/23/19 15:00	WL8G	ECL 1
Dissolved	Analysis	6010B		1			8832	07/30/19 20:44	ULPF	ECL 1
	Instrument ID:	ICP9								
Total/NA	Prep	3010A			50 mL	50 mL	8028	07/25/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6010B		1			8824	07/30/19 11:32	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	8054	07/25/19 18:02	AP	ECL 1
	Instrument ID:	ManSciMantech								
Total/NA	Analysis	SM 2540C		1	20 mL	1 mL	6765	07/22/19 10:03	J8H7	ECL 1
	Instrument ID:	NOEQUIP								
Total/NA	Analysis	SM 5310D		1	40 mL	40 mL	6822	07/21/19 02:47	JC	ECL 1
	Instrument ID:	TOC12								

Client Sample ID: I-19

Date Collected: 07/18/19 11:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7131	07/24/19 00:57	UX77	ECL 2
	Instrument ID:	GCMSUU								
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 14:31	J78Y	ECL 2
	Instrument ID:	GCMSM								
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 12:44	LEW3	ECL 2
	Instrument ID:	GC52								
Total/NA	Analysis	300.0		1			6261	07/19/19 17:01	URMH	ECL 1
	Instrument ID:	IC10								
Total/NA	Analysis	300.0		10			6262	07/19/19 23:38	URMH	ECL 1
	Instrument ID:	IC10								
Dissolved	Prep	3005A			50 mL	50 mL	7356	07/23/19 15:00	WL8G	ECL 1
Dissolved	Analysis	6010B		1			8832	07/30/19 20:49	ULPF	ECL 1
	Instrument ID:	ICP9								
Total/NA	Prep	3010A			50 mL	50 mL	8028	07/25/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6010B		1			8824	07/30/19 11:34	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	6918	07/22/19 16:46	AP	ECL 1
	Instrument ID:	ManSciMantech								
Total/NA	Analysis	SM 2540C		1	20 mL	1 mL	6765	07/22/19 10:03	J8H7	ECL 1
	Instrument ID:	NOEQUIP								
Total/NA	Analysis	SM 5310D		1	40 mL	40 mL	6822	07/21/19 03:08	JC	ECL 1
	Instrument ID:	TOC12								

Client Sample ID: I-18

Lab Sample ID: 570-2251-5

Date Collected: 07/18/19 10:30

Matrix: Water

Date Received: 07/18/19 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	20 mL	20 mL	7131	07/24/19 01:22	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 18:55	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 13:10	LEW3	ECL 2
	Instrument ID: GC52									
Total/NA	Analysis	300.0		1			6261	07/19/19 17:58	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		10			6262	07/20/19 00:35	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	VFA - HPLC		1			7271	07/24/19 03:07	URMH	ECL 1
	Instrument ID: HPLC6									
Dissolved	Prep	3005A			50 mL	50 mL	7356	07/23/19 15:00	WL8G	ECL 1
Dissolved	Analysis	6010B		1			8832	07/30/19 20:53	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	3010A			50 mL	50 mL	8028	07/25/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6010B		1			8824	07/30/19 11:36	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	6918	07/22/19 16:58	AP	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	20 mL	1 mL	6765	07/22/19 10:03	J8H7	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 5310D		1	40 mL	40 mL	6822	07/21/19 03:30	JC	ECL 1
	Instrument ID: TOC12									

Client Sample ID: ES-1

Lab Sample ID: 570-2251-6

Date Collected: 07/18/19 13:50

Matrix: Water

Date Received: 07/18/19 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7131	07/24/19 01:48	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 15:00	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 13:39	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: I-3

Lab Sample ID: 570-2251-7

Date Collected: 07/18/19 12:45

Matrix: Water

Date Received: 07/18/19 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7552	07/25/19 06:36	UX77	ECL 2
	Instrument ID: GCMSUU									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Client Sample ID: I-3

Date Collected: 07/18/19 12:45
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 15:30	J78Y	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 14:05	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: M-30

Date Collected: 07/18/19 11:10
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7552	07/25/19 07:01	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 15:59	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 14:32	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: M-29

Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7552	07/25/19 07:27	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 16:28	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 15:00	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: M-24

Date Collected: 07/18/19 10:20
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/25/19 20:42	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 16:57	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 15:26	LEW3	ECL 2
	Instrument ID: GC52									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Client Sample ID: I-4R
Date Collected: 07/18/19 12:30
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7552	07/25/19 08:18	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 17:56	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 15:51	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: DUP-1
Date Collected: 07/18/19 12:35
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7552	07/25/19 08:43	UX77	ECL 2
	Instrument ID: GCMSUU									

Client Sample ID: M-48R
Date Collected: 07/18/19 13:47
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7552	07/25/19 09:09	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8716	07/30/19 12:32	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 16:18	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: ES-6
Date Collected: 07/18/19 15:00
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7552	07/25/19 09:35	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 17:27	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 16:45	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: I-15
Date Collected: 07/18/19 10:44
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7552	07/25/19 10:00	UX77	ECL 2
	Instrument ID: GCMSUU									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Client Sample ID: I-15
Date Collected: 07/18/19 10:44
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8529	07/29/19 18:25	J78Y	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 17:12	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: I-16
Date Collected: 07/18/19 12:15
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	20 mL	20 mL	7799	07/25/19 21:07	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8716	07/30/19 13:01	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 17:38	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: I-17
Date Collected: 07/18/19 13:07
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7552	07/25/19 10:51	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8716	07/30/19 13:30	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 18:04	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: I-11
Date Collected: 07/18/19 14:24
Date Received: 07/18/19 17:05

Lab Sample ID: 570-2251-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	20 mL	20 mL	7799	07/25/19 21:33	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8716	07/30/19 14:00	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6581	07/20/19 18:31	LEW3	ECL 2
	Instrument ID: GC52									

Laboratory References:

ECL = Eurofins Calscience LLC, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Jacob & Hefner Associates P.C.
Job ID: 570-2251-1
Project/Site: Former Conexant Systems

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Arizona	State Program	9	AZ0781	03-13-20
California	SCAQMD LAP	9	N/A	11-30-19
California	State Program	9	2944	09-30-19
Guam	State Program	9	19-004R	10-31-19
Hawaii	State Program	9	N/A	01-29-20
Nevada	State Program	9	CA00111	07-31-19
Oregon	NELAP Primary AB	10	CA300001	01-20-20
Washington	State Program	10	C916	10-11-19

Method Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8260C_SIM	1,4-Dioxane by SIM	SW846	ECL 2
RSK-175	Dissolved Gases in Water	RSK	ECL 2
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
VFA - HPLC	Volatile Fatty Acids (HPLC/UV)	Lab SOP	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
SM 2320B	Alkalinity	SM	ECL 1
SM 2540C	Solids, Total Dissolved (TDS)	SM	ECL 1
SM 5310D	Organic Carbon, Total (TOC)	SM	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ECL 1
3010A	Preparation, Total Metals	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL

Protocol References:

Lab SOP = Laboratory Standard Operating Procedure

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL = Eurofins Calscience LLC, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2251-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-2251-1	TB-1	Water	07/18/19 08:00	07/18/19 17:05	
570-2251-2	ES-2	Water	07/18/19 13:55	07/18/19 17:05	
570-2251-3	ES-3A	Water	07/18/19 13:05	07/18/19 17:05	
570-2251-4	I-19	Water	07/18/19 11:20	07/18/19 17:05	
570-2251-5	I-18	Water	07/18/19 10:30	07/18/19 17:05	
570-2251-6	ES-1	Water	07/18/19 13:50	07/18/19 17:05	
570-2251-7	I-3	Water	07/18/19 12:45	07/18/19 17:05	
570-2251-8	M-30	Water	07/18/19 11:10	07/18/19 17:05	
570-2251-9	M-29	Water	07/18/19 10:20	07/18/19 17:05	
570-2251-10	M-24	Water	07/18/19 10:20	07/18/19 17:05	
570-2251-11	I-4R	Water	07/18/19 12:30	07/18/19 17:05	
570-2251-12	DUP-1	Water	07/18/19 12:35	07/18/19 17:05	
570-2251-13	M-48R	Water	07/18/19 13:47	07/18/19 17:05	
570-2251-14	ES-6	Water	07/18/19 15:00	07/18/19 17:05	
570-2251-15	I-15	Water	07/18/19 10:44	07/18/19 17:05	
570-2251-16	I-16	Water	07/18/19 12:15	07/18/19 17:05	
570-2251-17	I-17	Water	07/18/19 13:07	07/18/19 17:05	
570-2251-18	I-11	Water	07/18/19 14:24	07/18/19 17:05	

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

570-2251-01 Chain of Custody

eurofins Calscience

2251

Client Information	Sampler: CHAD JOHNSON	Lab PM: Villafania, Richard	Carrier Tracking No(s):	COC No: 570-1530-308.11
Client Contact: Stacie Aichner	Phone:	E-Mail: richardvillafania@eurofinsus.com		Page: Page 1 of 3
Company: JHA Environmental, Inc.				Job #:
Address: 4680 East Los Angeles Avenue Suite O	Due Date Requested:			
City: Simi Valley	TAT Requested (days): Normal			
State, Zip: CA, 93063				
Phone: 805-832-0718(Tel)	PO #: E243h_1L2_807			
Email: saichner@jacobandhefner.com	WO #:			
Project Name: Former Conexant Systems	Project #: 57001271			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other: H3PO4

Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL - (MOD) 8260B Routine Volatiles	8260B_SIM, RSK_175	2320B, 2540C_Calcd, 300_ORGFM_28D, 300_ORGFMS	6010B - (MOD) 6010B Metals Total	6010B - (MOD) 6010B Fe, Mn (Diss) *	SM5310D - (MOD) Total Organic Carbon	VFA_HPLC - Full Analyte List	Total Number of containers	Special Instructions/Note:
				Preservation Code:				A	A	N	D	D	S	Z		
TB-1	1	7-18-19	0800	G	W	N	N	X							3	
ES-2	2		1355			*	N	X	X	X	X	X	X		13	
ES-3A	3		1305			*	N	X	X	X	X	X	X		13	
I-19	4		1120			*	N	X	X	X	X	X	X		13	
I-18	5		1030			*	N	X	X	X	X	X	X	X	15	
ES-1	6		1350			N	N	X	X						3	
I-3	7		1245			N	N	X	X						3	
M-30	8		1110			N	N	X	X						3	
M-29	9		1020			N	N	X	X						3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) EDF Global ID: T0605900822

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Chad Johnson	Date/Time: 7-18-19 / 1535	Company	Received by:	Date/Time: 7/18/19 1535	Company EC
Relinquished by:	Date/Time: 7/18/19 1705	Company EC	Received by:	Date/Time: 7/18/19 1705	Company EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

2.2/2.4 SCG

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8/9/2019 (Rev. 1)

Ver: 01/16/2019

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins Calscience

2251

Client Information	Sampler: KHALID AZHAR	Lab PM: Villafania, Richard	Carrier Tracking No(s):	COC No: 570-1530-308.11
Client Contact: Stacie Aichner	Phone:	E-Mail: richardvillafania@eurofinsus.com		Page: Page 2 of 3
Company: JHA Environmental, Inc.				Job #:
Address: 4680 East Los Angeles Avenue Suite O	Due Date Requested:			
City: Simi Valley	TAT Requested (days): Normal			
State, Zip: CA, 93063				
Phone: 805-832-0718(Tel)	PO #: E243h_1L2_807			
Email: saichner@jacobandhefner.com	WO #:			
Project Name: Former Conexant Systems	Project #: 57001271			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other: H3PO4

Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL - (MOD) 8260B Routine Volatiles	8260B_SIM, RSK_175	2320B, 2540C_Calcd, 300_ORGFM_28D, 300_ORGFMS	6010B - (MOD) 6010B Metals Total	6010B - (MOD) 6010B Fe, Mn (Diss)	SM5310D - (MOD) Total Organic Carbon	VFA_HPLC - Full Analyte List							Total Number of containers	Special Instructions/Note:
				Preservation Code:				A	A	N	D	D	G	Z								
M-24	10	7/18/19	1020	G	W	N	N	X	X												8	
I-4R	11	"	1230	G	W	N	N	X	X												8	
DUP-1	12	"	1235	G	W	N	N	X													8	
M-48R	13	"	1347	G	W	N	N	X	X												8	
ES-6	14	"	1500	G	W	N	N	X	X												8	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) EDF Global ID: T0605900822

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Chad Johnson	7-18-19/1535			7/18/19 1535	
2		7/18/19 1705			7/18/19 1705	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

2.2/2.4

Ver: 01/16/2019

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins Calscience

2251

Client Information	Sampler: BRYAN RODRIGUEZ	Lab PM: Villafania, Richard	Carrier Tracking No(s):	COC No: 570-1530-308.11
Client Contact: Stacie Aichner	Phone:	E-Mail: richardvillafania@eurofinsus.com		Page: Page 3 of 3
Company: JHA Environmental, Inc.				Job #:
Address: 4680 East Los Angeles Avenue Suite O	Due Date Requested:			
City: Simi Valley	TAT Requested (days): Normal			
State, Zip: CA, 93063				
Phone: 805-832-0718(Tel)	PO #: E243h_1L2_807			
Email: saichner@jacobandhefner.com	WO #:			
Project Name: Former Conexant Systems	Project #: 57001271			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other: H3PO4

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL - (MOD) 8260B Routine Volatiles	8260B_SIM, RSK_175	2320B, 2540C_Calcd, 300_ORGFM_28D, 300_ORGFMS	6010B - (MOD) 6010B Metals Total	6010B - (MOD) 6010B Fe, Mn (Diss)	SM5310D - (MOD) Total Organic Carbon	VFA_HPLC - Full Analyte List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A	N	D	D	S	Z		
I-15 15	071819	1044	G	W	N	N	X	X						3	
I-16 16	071819	1215	G	W	N	N	X	X						3	
I-17 17	071819	1307	G	W	N	N	X	X						3	
I-11 18	071819	1424	G	W	N	N	X	X						3	
~~I-10~~	~~071819~~	~~1528~~	~~G~~	~~W~~											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) EDF Global ID: T0605900822

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by: Chad Johnson	Date/Time: 7-18-19 1535	Company EC	Received by:	Date/Time: 7/18/19 1535	Company EC		
Relinquished by:	Date/Time: 7/18/19 1705	Company EC	Received by:	Date/Time: 7/18/19 1705	Company EC		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:				

2.2 / 2.4 SCB

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8/8/2019 (Rev. 1)

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Jacob & Hefner Associates P.C. Job Number: 570-2251-1

Login Number: 2251 **List Source: Eurofins Calscience**
List Number: 1
Creator: Le, Danny

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

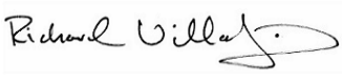
ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-2371-1
Client Project/Site: Former Conexant Systems
Revision: 1

For:
Jacob & Hefner Associates P.C.
4680 East Los Angeles Avenue
Suite O
Simi Valley, California 93063

Attn: Stacie L Aichner



Authorized for release by:
8/8/2019 2:19:32 PM

Richard Villafania, Project Manager I
(714)895-5494
richardvillafania@eurofinsus.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 570-2371-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-2371-1

Comments
No additional comments.

Receipt
The samples were received on 7/19/2019 5:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.2º C and 2.4º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for 7687 recovered outside control limits for the following analytes: Bromoform Dibromochloromethane 1,1,1,2-Tetrachloroethane. These analytes were bias high in the LCS/LCSD and were not detected in the associated samples.

Method(s) 8260B: The laboratory control sample (LCS) for 7992 recovered outside control limits for the following analytes: Carbon Tetrachloride, Trichlorofluoromethane. These analytes were bias high in the LCS and were not detected in the associated samples.

Method(s) 8260B: The laboratory control sample duplicate (LCSD) for 7992 recovered outside control limits for the following analytes: Carbon Tetrachloride, Bromochloromethane, 1,1,1,2-Tetrachloroethane Isopropanol. These analytes were bias high in the LCSD and were not detected in the associated samples.

Method(s) 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch 7992 recovered outside control limits for the following analytes: Dichlorodifluoromethane.

Method(s) 8260B: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 7842: Bromomethane. This compound was not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. The associated samples were non-detect for the affected analytes.

Method(s) 8260B: The laboratory control sample duplicate (LCSD) for analytical batch 570-8078 recovered outside control limits for the following analytes: Tetrachloroethene. Compound recovery in LCSD is 124, while the ME range is 72-128. The compound is within ME Range.

Method(s) 8260B: Due to a laboratory error, sample -19 (DUP-2) was initially placed on HOLD and analyzed outside the recommended holding time.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC
Method(s) 300.0: Due to the high concentration of Chloride and Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-6888 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 300.0: Due to the high concentration of Chloride and Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-6539 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 300.0: Due to the high concentration of Nitrate as N, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-6538 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 300.0: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for Nitrite as Nanalytical batch 570-6538 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 300.0: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for Nitrite as Nanalytical

Job ID: 570-2371-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

batch 570-6887 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) VFA - HPLC: Due to the high concentration of Acetic acid, Butyric acid and Propionic acid, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-7271 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) VFA - HPLC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Propionic acid were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) VFA - HPLC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 570-9781 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Air Toxics
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method(s) 6010B: Due to the high concentration of Iron and Manganese the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-8432 and analytical batch 570-9808 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method(s) SM 2540C: The following samples were initially analyzed within holding time though batch QC failed, the samples were reanalyzed outside holding time: SZO-1 (570-2371-1), SZO-2 (570-2371-2), SZT-1 (570-2371-3) and I-1 (570-2371-7).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Lab Admin
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: SZO-1 — Lab Sample ID: 570-2371-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2300		1000	400	ug/L	100		8260B	Total/NA
2-Butanone	36	J	50	4.6	ug/L	10		8260B	Total/NA
Chlorobenzene	190		5.0	0.88	ug/L	10		8260B	Total/NA
Chloroethane	7.2		5.0	1.2	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	3.6	J	5.0	1.1	ug/L	10		8260B	Total/NA
1,2-Dichlorobenzene	82		5.0	0.82	ug/L	10		8260B	Total/NA
1,4-Dichlorobenzene	2.6	J	5.0	0.73	ug/L	10		8260B	Total/NA
1,1-Dichloroethane	8.2		5.0	0.60	ug/L	10		8260B	Total/NA
Di-isopropyl ether (DIPE)	1.2	J	5.0	0.70	ug/L	10		8260B	Total/NA
Ethylbenzene	39		5.0	0.87	ug/L	10		8260B	Total/NA
Methylene Chloride	1.3	J	10	0.43	ug/L	10		8260B	Total/NA
m,p-Xylene	31		10	1.5	ug/L	10		8260B	Total/NA
o-Xylene	17		5.0	0.86	ug/L	10		8260B	Total/NA
Toluene	3.9	J	5.0	0.93	ug/L	10		8260B	Total/NA
Vinyl chloride	5.4		5.0	0.78	ug/L	10		8260B	Total/NA
1,4-Dioxane	1100		25	8.8	ug/L	25		8260C_SIM	Total/NA
Ethane	0.036	J	1.0	0.033	ug/L	1		RSK-175	Total/NA
Ethylene	2.5		1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane - DL	2500		4.0	0.032	ug/L	4		RSK-175	Total/NA
Chloride	710		20	9.7	mg/L	20		300.0	Total/NA
Sulfate	1.9	J	2.0	0.98	mg/L	2		300.0	Total/NA
Acetic acid	1100		200	61	mg/L	50		VFA - HPLC	Total/NA
Butyric acid	1600		200	61	mg/L	50		VFA - HPLC	Total/NA
Propionic acid	99		20	4.2	mg/L	5		VFA - HPLC	Total/NA
Iron	75.2		0.500	0.123	mg/L	1		6010B	Total/NA
Iron	68.4		0.500	0.123	mg/L	1		6010B	Dissolved
Manganese	3.35	B	0.0500	0.00405	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	1020		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1900	H	1.00	0.870	mg/L	1		SM 2540C	Total/NA
Carbon, Total Organic	640		50.0	2.59	mg/L	100		SM 5310D	Total/NA

Client Sample ID: SZO-2 — Lab Sample ID: 570-2371-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1000		400	160	ug/L	40		8260B	Total/NA
Chlorobenzene	37		10	1.8	ug/L	20		8260B	Total/NA
cis-1,2-Dichloroethene	2.4	J	10	2.2	ug/L	20		8260B	Total/NA
1,2-Dichlorobenzene	320		10	1.6	ug/L	20		8260B	Total/NA
1,4-Dichlorobenzene	4.4	J	10	1.5	ug/L	20		8260B	Total/NA
1,1-Dichloroethane	700		10	1.2	ug/L	20		8260B	Total/NA
1,2-Dichloroethane	2.3	J	10	1.5	ug/L	20		8260B	Total/NA
Di-isopropyl ether (DIPE)	4.8	J	10	1.4	ug/L	20		8260B	Total/NA
Ethylbenzene	35		10	1.7	ug/L	20		8260B	Total/NA
Methylene Chloride	8.0	J	20	0.85	ug/L	20		8260B	Total/NA
m,p-Xylene	74		20	3.0	ug/L	20		8260B	Total/NA
o-Xylene	45		10	1.7	ug/L	20		8260B	Total/NA
Toluene	15		10	1.9	ug/L	20		8260B	Total/NA
1,1,1-Trichloroethane	18		10	1.7	ug/L	20		8260B	Total/NA
Trichloroethene	3.2	J	10	2.0	ug/L	20		8260B	Total/NA
Vinyl chloride	88		10	1.6	ug/L	20		8260B	Total/NA
1,4-Dioxane	970		10	3.5	ug/L	10		8260C_SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SZO-2 (Continued) — Lab Sample ID: 570-2371-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethane	0.35	J	1.0	0.033	ug/L	1		RSK-175	Total/NA
Ethylene	7.7		1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane - DL	2200		4.0	0.032	ug/L	4		RSK-175	Total/NA
Chloride	1300		40	19	mg/L	40		300.0	Total/NA
Sulfate	750		40	20	mg/L	40		300.0	Total/NA
Iron	2.23		0.500	0.123	mg/L	1		6010B	Total/NA
Iron	0.268	J	0.500	0.123	mg/L	1		6010B	Dissolved
Manganese	1.77	B	0.0500	0.00405	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	1320		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	4050	H	1.00	0.870	mg/L	1		SM 2540C	Total/NA
Carbon, Total Organic	123		50.0	2.59	mg/L	100		SM 5310D	Total/NA

Client Sample ID: SZT-1 — Lab Sample ID: 570-2371-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	900		40	7.0	ug/L	80		8260B	Total/NA
cis-1,2-Dichloroethene	20		10	2.2	ug/L	20		8260B	Total/NA
1,2-Dichlorobenzene	290		10	1.6	ug/L	20		8260B	Total/NA
1,3-Dichlorobenzene	5.3	J	10	2.0	ug/L	20		8260B	Total/NA
1,4-Dichlorobenzene	52		10	1.5	ug/L	20		8260B	Total/NA
1,1-Dichloroethane	19		10	1.2	ug/L	20		8260B	Total/NA
Ethylbenzene	130		10	1.7	ug/L	20		8260B	Total/NA
Isopropylbenzene	2.1	J	10	1.5	ug/L	20		8260B	Total/NA
m,p-Xylene	110		20	3.0	ug/L	20		8260B	Total/NA
N-Propylbenzene	1.6	J	10	1.5	ug/L	20		8260B	Total/NA
o-Xylene	31		10	1.7	ug/L	20		8260B	Total/NA
Toluene	11		10	1.9	ug/L	20		8260B	Total/NA
trans-1,2-Dichloroethene	5.4	J	10	1.6	ug/L	20		8260B	Total/NA
Trichloroethene	5.7	J	10	2.0	ug/L	20		8260B	Total/NA
1,2,4-Trimethylbenzene	3.9	J	10	1.4	ug/L	20		8260B	Total/NA
Vinyl chloride	24		10	1.6	ug/L	20		8260B	Total/NA
1,4-Dioxane	15		2.0	0.71	ug/L	2		8260C_SIM	Total/NA
Ethane	0.33	J	1.0	0.033	ug/L	1		RSK-175	Total/NA
Ethylene	52		1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane - DL	3000		8.0	0.064	ug/L	8		RSK-175	Total/NA
Chloride	35		2.0	0.97	mg/L	2		300.0	Total/NA
Sulfate	1.5	J	2.0	0.98	mg/L	2		300.0	Total/NA
Propionic acid	7.6		4.0	0.83	mg/L	1		VFA - HPLC	Total/NA
Iron	0.271	J	0.500	0.123	mg/L	1		6010B	Total/NA
Manganese	0.0845	B	0.0500	0.00405	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	427		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	580	H	1.00	0.870	mg/L	1		SM 2540C	Total/NA
Carbon, Total Organic	6.12	B	2.50	0.129	mg/L	5		SM 5310D	Total/NA

Client Sample ID: I-9 — Lab Sample ID: 570-2371-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.1		0.50	0.11	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	1.6		0.50	0.082	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.28	J	0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.35	J	0.50	0.10	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.4		0.50	0.082	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: I-9 (Continued) — Lab Sample ID: 570-2371-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.5		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	0.15	J	0.50	0.078	ug/L	1		8260B	Total/NA
1,4-Dioxane	0.55	J	1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Methane	0.058	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: EI-1 — Lab Sample ID: 570-2371-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	4.9		1.0	0.18	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	55		1.0	0.22	ug/L	2		8260B	Total/NA
1,2-Dichlorobenzene	47		1.0	0.16	ug/L	2		8260B	Total/NA
1,4-Dichlorobenzene	0.44	J	1.0	0.15	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	10		1.0	0.12	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	1.2		1.0	0.21	ug/L	2		8260B	Total/NA
Di-isopropyl ether (DIPE)	0.29	J	1.0	0.14	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	1.6		1.0	0.16	ug/L	2		8260B	Total/NA
Trichloroethene	8.0		1.0	0.20	ug/L	2		8260B	Total/NA
Vinyl chloride	5.9		1.0	0.16	ug/L	2		8260B	Total/NA
1,4-Dioxane	85		2.0	0.71	ug/L	2		8260C_SIM	Total/NA
Methane	0.68	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-10 — Lab Sample ID: 570-2371-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	11		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-1 — Lab Sample ID: 570-2371-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	1.2	J	5.0	1.2	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	340		5.0	1.1	ug/L	10		8260B	Total/NA
1,1-Dichloroethane	2.4	J	5.0	0.60	ug/L	10		8260B	Total/NA
1,1-Dichloroethene	1.6	J	5.0	1.0	ug/L	10		8260B	Total/NA
trans-1,2-Dichloroethene	66		5.0	0.82	ug/L	10		8260B	Total/NA
Trichloroethene	3.0	J	5.0	1.0	ug/L	10		8260B	Total/NA
Vinyl chloride	36		5.0	0.78	ug/L	10		8260B	Total/NA
1,4-Dioxane	12		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethylene	0.068	J	1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	0.88	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA
Chloride	140		10	4.9	mg/L	10		300.0	Total/NA
Sulfate	370		10	4.9	mg/L	10		300.0	Total/NA
Iron	4.23		0.500	0.123	mg/L	1		6010B	Total/NA
Iron	0.143	J	0.500	0.123	mg/L	1		6010B	Dissolved
Manganese	0.236	B	0.0500	0.00405	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	147		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	500	H	1.00	0.870	mg/L	1		SM 2540C	Total/NA
Carbon, Total Organic	1.54		0.500	0.0259	mg/L	1		SM 5310D	Total/NA

Client Sample ID: TB-2 — Lab Sample ID: 570-2371-8

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: M-45 — Lab Sample ID: 570-2371-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.074	J	0.50	0.062	ug/L	1		8260B	Total/NA
Trichloroethene	0.23	J	0.50	0.10	ug/L	1		8260B	Total/NA
Methane	0.027	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-20 — Lab Sample ID: 570-2371-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.8		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethane	0.11	J	1.0	0.033	ug/L	1		RSK-175	Total/NA
Methane	0.99	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: M-33 — Lab Sample ID: 570-2371-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.15	J	0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.28	J	0.50	0.10	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.45	J	0.50	0.24	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.70		0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	2.5		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	0.45	J	0.50	0.078	ug/L	1		8260B	Total/NA
1,4-Dioxane	0.38	J	1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Methane	0.17	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: ES-4B — Lab Sample ID: 570-2371-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.6	J	10	4.0	ug/L	1		8260B	Total/NA
2-Butanone	3.6	J	5.0	0.46	ug/L	1		8260B	Total/NA
Carbon disulfide	0.40	J	10	0.39	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	10		0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.061	J	0.50	0.060	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.31	J	0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	0.86		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	7.4		0.50	0.078	ug/L	1		8260B	Total/NA
1,4-Dioxane	0.36	J	1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethylene	0.15	J	1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	50		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: ES-5A — Lab Sample ID: 570-2371-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.11	J	0.50	0.062	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.8		0.50	0.11	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.26	J	0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	0.20	J	0.50	0.10	ug/L	1		8260B	Total/NA
Ethane	0.041	J	1.0	0.033	ug/L	1		RSK-175	Total/NA
Methane	2.0		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: IT-5 — Lab Sample ID: 570-2371-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		0.50	0.11	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: IT-5 (Continued) — Lab Sample ID: 570-2371-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.28	J	0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.13	J	0.50	0.10	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.14	J	0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	0.25	J	0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	0.37	J	0.50	0.078	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.6		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Methane	0.34	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-6 — Lab Sample ID: 570-2371-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	83		2.0	0.43	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	17		2.0	0.24	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	1.7	J	2.0	0.41	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	1.9	J	2.0	0.33	ug/L	4		8260B	Total/NA
Trichloroethene	0.46	J	2.0	0.41	ug/L	4		8260B	Total/NA
Vinyl chloride	23		2.0	0.31	ug/L	4		8260B	Total/NA
1,4-Dioxane	7.7		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethylene	0.51	J	1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	6.2		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: EI-3 — Lab Sample ID: 570-2371-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	2.2	J	10	0.92	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	66		1.0	0.22	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	14		1.0	0.12	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	1.2		1.0	0.21	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	1.7		1.0	0.16	ug/L	2		8260B	Total/NA
Trichloroethene	0.73	J	1.0	0.20	ug/L	2		8260B	Total/NA
Vinyl chloride	17		1.0	0.16	ug/L	2		8260B	Total/NA
1,4-Dioxane	8.4		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethylene	0.18	J	1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	4.4		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: M-40 — Lab Sample ID: 570-2371-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	2.2	J	10	0.92	ug/L	2		8260B	Total/NA
Chloroethane	4.2		1.0	0.23	ug/L	2		8260B	Total/NA
Chloroform	0.19	J	1.0	0.12	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	18		1.0	0.22	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	0.16	J	1.0	0.12	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	0.23	J	1.0	0.21	ug/L	2		8260B	Total/NA
Tetrachloroethene	1.4		1.0	0.48	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	0.74	J	1.0	0.16	ug/L	2		8260B	Total/NA
Trichloroethene	67		1.0	0.20	ug/L	2		8260B	Total/NA
1,4-Dioxane	0.53	J	1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Methane	0.58	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: EI-2 — Lab Sample ID: 570-2371-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.36	J	1.0	0.14	ug/L	2		8260B	Total/NA
Chloroethane	10		1.0	0.23	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	62		1.0	0.22	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	18		1.0	0.12	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	1.6		1.0	0.21	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	3.3		1.0	0.16	ug/L	2		8260B	Total/NA
Trichloroethene	1.3		1.0	0.20	ug/L	2		8260B	Total/NA
Vinyl chloride	32		1.0	0.16	ug/L	2		8260B	Total/NA
1,4-Dioxane	12		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethylene	0.43	J	1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	7.6		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: DUP-2 — Lab Sample ID: 570-2371-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.38	J H	1.0	0.14	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	59	H	1.0	0.22	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	17	H	1.0	0.12	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	1.6	H	1.0	0.21	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	3.0	H	1.0	0.16	ug/L	2		8260B	Total/NA
Trichloroethene	1.3	H	1.0	0.20	ug/L	2		8260B	Total/NA
Vinyl chloride	31	H	1.0	0.16	ug/L	2		8260B	Total/NA

Client Sample ID: MW-37 — Lab Sample ID: 570-2371-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	0.37	J	0.50	0.12	ug/L	1		8260B	Total/NA
1,4-Dioxane	0.68	J	1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Methane	1.2		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: EI-4A — Lab Sample ID: 570-2371-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.085	J	0.50	0.072	ug/L	1		8260B	Total/NA
2-Butanone	1.1	J	5.0	0.46	ug/L	1		8260B	Total/NA
Chloroethane	0.36	J	0.50	0.12	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	18		0.50	0.11	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	0.35	J	0.50	0.082	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.8		0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.7		0.50	0.10	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.2		0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	0.76		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	4.5		0.50	0.078	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Methane	0.44	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: KSRO-2 — Lab Sample ID: 570-2371-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.095	J	0.50	0.072	ug/L	1		8260B	Total/NA
Chloroform	0.17	J	0.50	0.062	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	57		5.0	1.1	ug/L	10		8260B	Total/NA
1,1-Dichloroethane	0.82		0.50	0.060	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: KSRO-2 (Continued) — Lab Sample ID: 570-2371-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	6.8		0.50	0.10	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		0.50	0.24	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	7.9		0.50	0.082	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	2.6		0.50	0.084	ug/L	1		8260B	Total/NA
Trichloroethene	220		5.0	1.0	ug/L	10		8260B	Total/NA
Vinyl chloride	0.30	J	0.50	0.078	ug/L	1		8260B	Total/NA
Methane	15		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: KSRO-1 — Lab Sample ID: 570-2371-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	46		2.5	0.54	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	0.79		0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.3		0.50	0.10	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.7		0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	25		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	0.15	J	0.50	0.078	ug/L	1		8260B	Total/NA
Methane	1.7		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: M-39 — Lab Sample ID: 570-2371-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.11	J	0.50	0.10	ug/L	1		8260B	Total/NA
Methane	1.8		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-8 — Lab Sample ID: 570-2371-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.5		0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.16	J	0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.65		0.50	0.10	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.36	J	0.50	0.082	ug/L	1		8260B	Total/NA
Vinyl chloride	0.99		0.50	0.078	ug/L	1		8260B	Total/NA
1,4-Dioxane	0.38	J	1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Methane	2.6		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: M-38 — Lab Sample ID: 570-2371-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.5	J	10	4.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.9		0.50	0.11	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.086	J	0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	0.26	J	0.50	0.10	ug/L	1		8260B	Total/NA
Methane	0.18	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: M-25 — Lab Sample ID: 570-2371-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	0.12	J	1.0	0.0080	ug/L	1		RSK-175	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SZO-1
Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**2300**		1000	400	ug/L			07/26/19 16:04	100
Benzene	ND		5.0	0.72	ug/L			07/25/19 19:41	10
Bromobenzene	ND		5.0	0.61	ug/L			07/25/19 19:41	10
Bromochloromethane	ND		10	0.82	ug/L			07/25/19 19:41	10
Bromodichloromethane	ND		5.0	0.53	ug/L			07/25/19 19:41	10
Bromoform	ND	*	5.0	0.96	ug/L			07/25/19 19:41	10
Bromomethane	ND		20	9.9	ug/L			07/25/19 19:41	10
2-Butanone	**36**	**J**	50	4.6	ug/L			07/25/19 19:41	10
Carbon disulfide	ND		100	3.9	ug/L			07/25/19 19:41	10
Carbon tetrachloride	ND		5.0	0.57	ug/L			07/25/19 19:41	10
Chlorobenzene	**190**		5.0	0.88	ug/L			07/25/19 19:41	10
Chloroethane	**7.2**		5.0	1.2	ug/L			07/25/19 19:41	10
Chloroform	ND		5.0	0.62	ug/L			07/25/19 19:41	10
Chloromethane	ND		50	20	ug/L			07/25/19 19:41	10
2-Chlorotoluene	ND		5.0	0.58	ug/L			07/25/19 19:41	10
4-Chlorotoluene	ND		5.0	0.91	ug/L			07/25/19 19:41	10
cis-1,2-Dichloroethene	**3.6**	**J**	5.0	1.1	ug/L			07/25/19 19:41	10
cis-1,3-Dichloropropene	ND		5.0	0.96	ug/L			07/25/19 19:41	10
Dibromochloromethane	ND	*	5.0	0.64	ug/L			07/25/19 19:41	10
1,2-Dibromo-3-Chloropropane	ND		50	5.1	ug/L			07/25/19 19:41	10
1,2-Dibromoethane	ND		5.0	0.59	ug/L			07/25/19 19:41	10
Dibromomethane	ND		5.0	1.3	ug/L			07/25/19 19:41	10
1,2-Dichlorobenzene	**82**		5.0	0.82	ug/L			07/25/19 19:41	10
1,3-Dichlorobenzene	ND		5.0	0.98	ug/L			07/25/19 19:41	10
1,4-Dichlorobenzene	**2.6**	**J**	5.0	0.73	ug/L			07/25/19 19:41	10
Dichlorodifluoromethane	ND		10	0.99	ug/L			07/25/19 19:41	10
1,1-Dichloroethane	**8.2**		5.0	0.60	ug/L			07/25/19 19:41	10
1,2-Dichloroethane	ND		5.0	0.75	ug/L			07/25/19 19:41	10
1,1-Dichloroethene	ND		5.0	1.0	ug/L			07/25/19 19:41	10
1,2-Dichloropropane	ND		5.0	0.99	ug/L			07/25/19 19:41	10
1,3-Dichloropropane	ND		10	0.82	ug/L			07/25/19 19:41	10
2,2-Dichloropropane	ND		10	3.8	ug/L			07/25/19 19:41	10
1,1-Dichloropropene	ND		5.0	0.70	ug/L			07/25/19 19:41	10
Di-isopropyl ether (DIPE)	**1.2**	**J**	5.0	0.70	ug/L			07/25/19 19:41	10
Ethylbenzene	**39**		5.0	0.87	ug/L			07/25/19 19:41	10
Ethyl-t-butyl ether (ETBE)	ND		5.0	0.85	ug/L			07/25/19 19:41	10
2-Hexanone	ND		100	5.0	ug/L			07/25/19 19:41	10
Isopropylbenzene	ND		5.0	0.77	ug/L			07/25/19 19:41	10
Methylene Chloride	**1.3**	**J**	10	0.43	ug/L			07/25/19 19:41	10
4-Methyl-2-pentanone	ND		50	4.2	ug/L			07/25/19 19:41	10
Methyl-t-Butyl Ether (MTBE)	ND		5.0	0.67	ug/L			07/25/19 19:41	10
m,p-Xylene	**31**		10	1.5	ug/L			07/25/19 19:41	10
Naphthalene	ND		10	0.97	ug/L			07/25/19 19:41	10
n-Butylbenzene	ND		5.0	1.1	ug/L			07/25/19 19:41	10
N-Propylbenzene	ND		5.0	0.76	ug/L			07/25/19 19:41	10
o-Xylene	**17**		5.0	0.86	ug/L			07/25/19 19:41	10
p-Isopropyltoluene	ND		5.0	0.74	ug/L			07/25/19 19:41	10
sec-Butylbenzene	ND		5.0	0.95	ug/L			07/25/19 19:41	10
Styrene	ND		5.0	0.59	ug/L			07/25/19 19:41	10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SZO-1
Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		5.0	1.0	ug/L			07/25/19 19:41	10
tert-Butyl alcohol (TBA)	ND		100	40	ug/L			07/25/19 19:41	10
tert-Butylbenzene	ND		5.0	0.82	ug/L			07/25/19 19:41	10
1,1,1,2-Tetrachloroethane	ND	*	5.0	0.70	ug/L			07/25/19 19:41	10
1,1,2,2-Tetrachloroethane	ND		5.0	0.87	ug/L			07/25/19 19:41	10
Tetrachloroethene	ND		5.0	2.4	ug/L			07/25/19 19:41	10
Toluene	**3.9**	**J**	5.0	0.93	ug/L			07/25/19 19:41	10
trans-1,2-Dichloroethene	ND		5.0	0.82	ug/L			07/25/19 19:41	10
trans-1,3-Dichloropropene	ND		5.0	0.53	ug/L			07/25/19 19:41	10
1,2,3-Trichlorobenzene	ND		5.0	1.2	ug/L			07/25/19 19:41	10
1,2,4-Trichlorobenzene	ND		5.0	0.89	ug/L			07/25/19 19:41	10
1,1,1-Trichloroethane	ND		5.0	0.84	ug/L			07/25/19 19:41	10
1,1,2-Trichloroethane	ND		5.0	0.69	ug/L			07/25/19 19:41	10
Trichloroethene	ND		5.0	1.0	ug/L			07/25/19 19:41	10
Trichlorofluoromethane	ND		5.0	1.0	ug/L			07/25/19 19:41	10
1,2,3-Trichloropropane	ND		10	0.76	ug/L			07/25/19 19:41	10
1,2,4-Trimethylbenzene	ND		5.0	0.68	ug/L			07/25/19 19:41	10
1,3,5-Trimethylbenzene	ND		5.0	0.79	ug/L			07/25/19 19:41	10
Vinyl acetate	ND		50	7.0	ug/L			07/25/19 19:41	10
Vinyl chloride	**5.4**		5.0	0.78	ug/L			07/25/19 19:41	10
Hexachloro-1,3-butadiene	ND		20	5.9	ug/L			07/25/19 19:41	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 120*		*07/25/19 19:41*	*10*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*07/26/19 16:04*	*100*
Dibromofluoromethane	*111*		*80 - 127*		*07/25/19 19:41*	*10*
Dibromofluoromethane	*115*		*80 - 127*		*07/26/19 16:04*	*100*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*07/25/19 19:41*	*10*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*07/26/19 16:04*	*100*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/25/19 19:41*	*10*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/26/19 16:04*	*100*

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1000**		400	160	ug/L			07/26/19 16:31	40
Benzene	ND		10	1.4	ug/L			07/25/19 20:09	20
Bromobenzene	ND		10	1.2	ug/L			07/25/19 20:09	20
Bromochloromethane	ND		20	1.6	ug/L			07/25/19 20:09	20
Bromodichloromethane	ND		10	1.1	ug/L			07/25/19 20:09	20
Bromoform	ND	*	10	1.9	ug/L			07/25/19 20:09	20
Bromomethane	ND		40	20	ug/L			07/25/19 20:09	20
2-Butanone	ND		100	9.2	ug/L			07/25/19 20:09	20
Carbon disulfide	ND		200	7.7	ug/L			07/25/19 20:09	20
Carbon tetrachloride	ND		10	1.1	ug/L			07/25/19 20:09	20
Chlorobenzene	**37**		10	1.8	ug/L			07/25/19 20:09	20
Chloroethane	ND		10	2.3	ug/L			07/25/19 20:09	20
Chloroform	ND		10	1.2	ug/L			07/25/19 20:09	20
Chloromethane	ND		100	39	ug/L			07/25/19 20:09	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		10	1.2	ug/L			07/25/19 20:09	20
4-Chlorotoluene	ND		10	1.8	ug/L			07/25/19 20:09	20
cis-1,2-Dichloroethene	**2.4**	**J**	10	2.2	ug/L			07/25/19 20:09	20
cis-1,3-Dichloropropene	ND		10	1.9	ug/L			07/25/19 20:09	20
Dibromochloromethane	ND	*	10	1.3	ug/L			07/25/19 20:09	20
1,2-Dibromo-3-Chloropropane	ND		100	10	ug/L			07/25/19 20:09	20
1,2-Dibromoethane	ND		10	1.2	ug/L			07/25/19 20:09	20
Dibromomethane	ND		10	2.5	ug/L			07/25/19 20:09	20
1,2-Dichlorobenzene	**320**		10	1.6	ug/L			07/25/19 20:09	20
1,3-Dichlorobenzene	ND		10	2.0	ug/L			07/25/19 20:09	20
1,4-Dichlorobenzene	**4.4**	**J**	10	1.5	ug/L			07/25/19 20:09	20
Dichlorodifluoromethane	ND		20	2.0	ug/L			07/25/19 20:09	20
1,1-Dichloroethane	**700**		10	1.2	ug/L			07/25/19 20:09	20
1,2-Dichloroethane	**2.3**	**J**	10	1.5	ug/L			07/25/19 20:09	20
1,1-Dichloroethene	ND		10	2.1	ug/L			07/25/19 20:09	20
1,2-Dichloropropane	ND		10	2.0	ug/L			07/25/19 20:09	20
1,3-Dichloropropane	ND		20	1.6	ug/L			07/25/19 20:09	20
2,2-Dichloropropane	ND		20	7.5	ug/L			07/25/19 20:09	20
1,1-Dichloropropene	ND		10	1.4	ug/L			07/25/19 20:09	20
Di-isopropyl ether (DIPE)	**4.8**	**J**	10	1.4	ug/L			07/25/19 20:09	20
Ethylbenzene	**35**		10	1.7	ug/L			07/25/19 20:09	20
Ethyl-t-butyl ether (ETBE)	ND		10	1.7	ug/L			07/25/19 20:09	20
2-Hexanone	ND		200	10	ug/L			07/25/19 20:09	20
Isopropylbenzene	ND		10	1.5	ug/L			07/25/19 20:09	20
Methylene Chloride	**8.0**	**J**	20	0.85	ug/L			07/25/19 20:09	20
4-Methyl-2-pentanone	ND		100	8.3	ug/L			07/25/19 20:09	20
Methyl-t-Butyl Ether (MTBE)	ND		10	1.3	ug/L			07/25/19 20:09	20
m,p-Xylene	**74**		20	3.0	ug/L			07/25/19 20:09	20
Naphthalene	ND		20	1.9	ug/L			07/25/19 20:09	20
n-Butylbenzene	ND		10	2.2	ug/L			07/25/19 20:09	20
N-Propylbenzene	ND		10	1.5	ug/L			07/25/19 20:09	20
o-Xylene	**45**		10	1.7	ug/L			07/25/19 20:09	20
p-Isopropyltoluene	ND		10	1.5	ug/L			07/25/19 20:09	20
sec-Butylbenzene	ND		10	1.9	ug/L			07/25/19 20:09	20
Styrene	ND		10	1.2	ug/L			07/25/19 20:09	20
Tert-amyl-methyl ether (TAME)	ND		10	2.0	ug/L			07/25/19 20:09	20
tert-Butyl alcohol (TBA)	ND		200	80	ug/L			07/25/19 20:09	20
tert-Butylbenzene	ND		10	1.6	ug/L			07/25/19 20:09	20
1,1,1,2-Tetrachloroethane	ND	*	10	1.4	ug/L			07/25/19 20:09	20
1,1,2,2-Tetrachloroethane	ND		10	1.7	ug/L			07/25/19 20:09	20
Tetrachloroethene	ND		10	4.8	ug/L			07/25/19 20:09	20
Toluene	**15**		10	1.9	ug/L			07/25/19 20:09	20
trans-1,2-Dichloroethene	ND		10	1.6	ug/L			07/25/19 20:09	20
trans-1,3-Dichloropropene	ND		10	1.1	ug/L			07/25/19 20:09	20
1,2,3-Trichlorobenzene	ND		10	2.4	ug/L			07/25/19 20:09	20
1,2,4-Trichlorobenzene	ND		10	1.8	ug/L			07/25/19 20:09	20
1,1,1-Trichloroethane	**18**		10	1.7	ug/L			07/25/19 20:09	20
1,1,2-Trichloroethane	ND		10	1.4	ug/L			07/25/19 20:09	20
Trichloroethene	**3.2**	**J**	10	2.0	ug/L			07/25/19 20:09	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		10	2.1	ug/L			07/25/19 20:09	20
1,2,3-Trichloropropane	ND		20	1.5	ug/L			07/25/19 20:09	20
1,2,4-Trimethylbenzene	ND		10	1.4	ug/L			07/25/19 20:09	20
1,3,5-Trimethylbenzene	ND		10	1.6	ug/L			07/25/19 20:09	20
Vinyl acetate	ND		100	14	ug/L			07/25/19 20:09	20
Vinyl chloride	**88**		10	1.6	ug/L			07/25/19 20:09	20
Hexachloro-1,3-butadiene	ND		40	12	ug/L			07/25/19 20:09	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*07/25/19 20:09*	*20*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*07/26/19 16:31*	*40*
Dibromofluoromethane	*114*		*80 - 127*		*07/25/19 20:09*	*20*
Dibromofluoromethane	*120*		*80 - 127*		*07/26/19 16:31*	*40*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 128*		*07/25/19 20:09*	*20*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*07/26/19 16:31*	*40*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/25/19 20:09*	*20*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/26/19 16:31*	*40*

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		200	80	ug/L			07/25/19 20:36	20
Benzene	ND		10	1.4	ug/L			07/25/19 20:36	20
Bromobenzene	ND		10	1.2	ug/L			07/25/19 20:36	20
Bromochloromethane	ND		20	1.6	ug/L			07/25/19 20:36	20
Bromodichloromethane	ND		10	1.1	ug/L			07/25/19 20:36	20
Bromoform	ND	*	10	1.9	ug/L			07/25/19 20:36	20
Bromomethane	ND		40	20	ug/L			07/25/19 20:36	20
2-Butanone	ND		100	9.2	ug/L			07/25/19 20:36	20
Carbon disulfide	ND		200	7.7	ug/L			07/25/19 20:36	20
Carbon tetrachloride	ND		10	1.1	ug/L			07/25/19 20:36	20
Chlorobenzene	**900**		40	7.0	ug/L			07/26/19 16:59	80
Chloroethane	ND		10	2.3	ug/L			07/25/19 20:36	20
Chloroform	ND		10	1.2	ug/L			07/25/19 20:36	20
Chloromethane	ND		100	39	ug/L			07/25/19 20:36	20
2-Chlorotoluene	ND		10	1.2	ug/L			07/25/19 20:36	20
4-Chlorotoluene	ND		10	1.8	ug/L			07/25/19 20:36	20
cis-1,2-Dichloroethene	**20**		10	2.2	ug/L			07/25/19 20:36	20
cis-1,3-Dichloropropene	ND		10	1.9	ug/L			07/25/19 20:36	20
Dibromochloromethane	ND	*	10	1.3	ug/L			07/25/19 20:36	20
1,2-Dibromo-3-Chloropropane	ND		100	10	ug/L			07/25/19 20:36	20
1,2-Dibromoethane	ND		10	1.2	ug/L			07/25/19 20:36	20
Dibromomethane	ND		10	2.5	ug/L			07/25/19 20:36	20
1,2-Dichlorobenzene	**290**		10	1.6	ug/L			07/25/19 20:36	20
1,3-Dichlorobenzene	**5.3**	**J**	10	2.0	ug/L			07/25/19 20:36	20
1,4-Dichlorobenzene	**52**		10	1.5	ug/L			07/25/19 20:36	20
Dichlorodifluoromethane	ND		20	2.0	ug/L			07/25/19 20:36	20
1,1-Dichloroethane	**19**		10	1.2	ug/L			07/25/19 20:36	20
1,2-Dichloroethane	ND		10	1.5	ug/L			07/25/19 20:36	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		10	2.1	ug/L			07/25/19 20:36	20
1,2-Dichloropropane	ND		10	2.0	ug/L			07/25/19 20:36	20
1,3-Dichloropropane	ND		20	1.6	ug/L			07/25/19 20:36	20
2,2-Dichloropropane	ND		20	7.5	ug/L			07/25/19 20:36	20
1,1-Dichloropropene	ND		10	1.4	ug/L			07/25/19 20:36	20
Di-isopropyl ether (DIPE)	ND		10	1.4	ug/L			07/25/19 20:36	20
Ethylbenzene	**130**		10	1.7	ug/L			07/25/19 20:36	20
Ethyl-t-butyl ether (ETBE)	ND		10	1.7	ug/L			07/25/19 20:36	20
2-Hexanone	ND		200	10	ug/L			07/25/19 20:36	20
Isopropylbenzene	**2.1**	**J**	10	1.5	ug/L			07/25/19 20:36	20
Methylene Chloride	ND		20	0.85	ug/L			07/25/19 20:36	20
4-Methyl-2-pentanone	ND		100	8.3	ug/L			07/25/19 20:36	20
Methyl-t-Butyl Ether (MTBE)	ND		10	1.3	ug/L			07/25/19 20:36	20
m,p-Xylene	**110**		20	3.0	ug/L			07/25/19 20:36	20
Naphthalene	ND		20	1.9	ug/L			07/25/19 20:36	20
n-Butylbenzene	ND		10	2.2	ug/L			07/25/19 20:36	20
N-Propylbenzene	**1.6**	**J**	10	1.5	ug/L			07/25/19 20:36	20
o-Xylene	**31**		10	1.7	ug/L			07/25/19 20:36	20
p-Isopropyltoluene	ND		10	1.5	ug/L			07/25/19 20:36	20
sec-Butylbenzene	ND		10	1.9	ug/L			07/25/19 20:36	20
Styrene	ND		10	1.2	ug/L			07/25/19 20:36	20
Tert-amyl-methyl ether (TAME)	ND		10	2.0	ug/L			07/25/19 20:36	20
tert-Butyl alcohol (TBA)	ND		200	80	ug/L			07/25/19 20:36	20
tert-Butylbenzene	ND		10	1.6	ug/L			07/25/19 20:36	20
1,1,1,2-Tetrachloroethane	ND	*	10	1.4	ug/L			07/25/19 20:36	20
1,1,2,2-Tetrachloroethane	ND		10	1.7	ug/L			07/25/19 20:36	20
Tetrachloroethene	ND		10	4.8	ug/L			07/25/19 20:36	20
Toluene	**11**		10	1.9	ug/L			07/25/19 20:36	20
trans-1,2-Dichloroethene	**5.4**	**J**	10	1.6	ug/L			07/25/19 20:36	20
trans-1,3-Dichloropropene	ND		10	1.1	ug/L			07/25/19 20:36	20
1,2,3-Trichlorobenzene	ND		10	2.4	ug/L			07/25/19 20:36	20
1,2,4-Trichlorobenzene	ND		10	1.8	ug/L			07/25/19 20:36	20
1,1,1-Trichloroethane	ND		10	1.7	ug/L			07/25/19 20:36	20
1,1,2-Trichloroethane	ND		10	1.4	ug/L			07/25/19 20:36	20
Trichloroethene	**5.7**	**J**	10	2.0	ug/L			07/25/19 20:36	20
Trichlorofluoromethane	ND		10	2.1	ug/L			07/25/19 20:36	20
1,2,3-Trichloropropane	ND		20	1.5	ug/L			07/25/19 20:36	20
1,2,4-Trimethylbenzene	**3.9**	**J**	10	1.4	ug/L			07/25/19 20:36	20
1,3,5-Trimethylbenzene	ND		10	1.6	ug/L			07/25/19 20:36	20
Vinyl acetate	ND		100	14	ug/L			07/25/19 20:36	20
Vinyl chloride	**24**		10	1.6	ug/L			07/25/19 20:36	20
Hexachloro-1,3-butadiene	ND		40	12	ug/L			07/25/19 20:36	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*68 - 120*		*07/25/19 20:36*	*20*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*07/26/19 16:59*	*80*
Dibromofluoromethane	*114*		*80 - 127*		*07/25/19 20:36*	*20*
Dibromofluoromethane	*120*		*80 - 127*		*07/26/19 16:59*	*80*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*07/25/19 20:36*	*20*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*07/26/19 16:59*	*80*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/25/19 20:36*	*20*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/26/19 16:59*	*80*

Client Sample ID: I-9
Date Collected: 07/19/19 10:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 21:04	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 21:04	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 21:04	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 21:04	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 21:04	1
Bromoform	ND	*	0.50	0.096	ug/L			07/25/19 21:04	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 21:04	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 21:04	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 21:04	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 21:04	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 21:04	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 21:04	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 21:04	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 21:04	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 21:04	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 21:04	1
cis-1,2-Dichloroethene	**5.1**		0.50	0.11	ug/L			07/25/19 21:04	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 21:04	1
Dibromochloromethane	ND	*	0.50	0.064	ug/L			07/25/19 21:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 21:04	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 21:04	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 21:04	1
1,2-Dichlorobenzene	**1.6**		0.50	0.082	ug/L			07/25/19 21:04	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 21:04	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 21:04	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 21:04	1
1,1-Dichloroethane	**0.28**	**J**	0.50	0.060	ug/L			07/25/19 21:04	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 21:04	1
1,1-Dichloroethene	**0.35**	**J**	0.50	0.10	ug/L			07/25/19 21:04	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 21:04	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 21:04	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 21:04	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 21:04	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 21:04	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 21:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 21:04	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 21:04	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 21:04	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 21:04	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 21:04	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 21:04	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 21:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-9
Date Collected: 07/19/19 10:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 21:04	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 21:04	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 21:04	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 21:04	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 21:04	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 21:04	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 21:04	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 21:04	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 21:04	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 21:04	1
1,1,1,2-Tetrachloroethane	ND	*	0.50	0.070	ug/L			07/25/19 21:04	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 21:04	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/25/19 21:04	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 21:04	1
trans-1,2-Dichloroethene	**1.4**		0.50	0.082	ug/L			07/25/19 21:04	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 21:04	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 21:04	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 21:04	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 21:04	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 21:04	1
Trichloroethene	**2.5**		0.50	0.10	ug/L			07/25/19 21:04	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 21:04	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 21:04	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 21:04	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 21:04	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/25/19 21:04	1
Vinyl chloride	**0.15**	**J**	0.50	0.078	ug/L			07/25/19 21:04	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*68 - 120*		*07/25/19 21:04*	*1*
Dibromofluoromethane	*113*		*80 - 127*		*07/25/19 21:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 128*		*07/25/19 21:04*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/25/19 21:04*	*1*

Client Sample ID: EI-1
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	8.0	ug/L			07/25/19 21:32	2
Benzene	ND		1.0	0.14	ug/L			07/25/19 21:32	2
Bromobenzene	ND		1.0	0.12	ug/L			07/25/19 21:32	2
Bromochloromethane	ND		2.0	0.16	ug/L			07/25/19 21:32	2
Bromodichloromethane	ND		1.0	0.11	ug/L			07/25/19 21:32	2
Bromoform	ND	*	1.0	0.19	ug/L			07/25/19 21:32	2
Bromomethane	ND		4.0	2.0	ug/L			07/25/19 21:32	2
2-Butanone	ND		10	0.92	ug/L			07/25/19 21:32	2
Carbon disulfide	ND		20	0.77	ug/L			07/25/19 21:32	2
Carbon tetrachloride	ND		1.0	0.11	ug/L			07/25/19 21:32	2
Chlorobenzene	**4.9**		1.0	0.18	ug/L			07/25/19 21:32	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EI-1
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.23	ug/L			07/25/19 21:32	2
Chloroform	ND		1.0	0.12	ug/L			07/25/19 21:32	2
Chloromethane	ND		10	3.9	ug/L			07/25/19 21:32	2
2-Chlorotoluene	ND		1.0	0.12	ug/L			07/25/19 21:32	2
4-Chlorotoluene	ND		1.0	0.18	ug/L			07/25/19 21:32	2
cis-1,2-Dichloroethene	**55**		1.0	0.22	ug/L			07/25/19 21:32	2
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			07/25/19 21:32	2
Dibromochloromethane	ND	*	1.0	0.13	ug/L			07/25/19 21:32	2
1,2-Dibromo-3-Chloropropane	ND		10	1.0	ug/L			07/25/19 21:32	2
1,2-Dibromoethane	ND		1.0	0.12	ug/L			07/25/19 21:32	2
Dibromomethane	ND		1.0	0.25	ug/L			07/25/19 21:32	2
1,2-Dichlorobenzene	**47**		1.0	0.16	ug/L			07/25/19 21:32	2
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			07/25/19 21:32	2
1,4-Dichlorobenzene	**0.44**	**J**	1.0	0.15	ug/L			07/25/19 21:32	2
Dichlorodifluoromethane	ND		2.0	0.20	ug/L			07/25/19 21:32	2
1,1-Dichloroethane	**10**		1.0	0.12	ug/L			07/25/19 21:32	2
1,2-Dichloroethane	ND		1.0	0.15	ug/L			07/25/19 21:32	2
1,1-Dichloroethene	**1.2**		1.0	0.21	ug/L			07/25/19 21:32	2
1,2-Dichloropropane	ND		1.0	0.20	ug/L			07/25/19 21:32	2
1,3-Dichloropropane	ND		2.0	0.16	ug/L			07/25/19 21:32	2
2,2-Dichloropropane	ND		2.0	0.75	ug/L			07/25/19 21:32	2
1,1-Dichloropropene	ND		1.0	0.14	ug/L			07/25/19 21:32	2
Di-isopropyl ether (DIPE)	**0.29**	**J**	1.0	0.14	ug/L			07/25/19 21:32	2
Ethylbenzene	ND		1.0	0.17	ug/L			07/25/19 21:32	2
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.17	ug/L			07/25/19 21:32	2
2-Hexanone	ND		20	1.0	ug/L			07/25/19 21:32	2
Isopropylbenzene	ND		1.0	0.15	ug/L			07/25/19 21:32	2
Methylene Chloride	ND		2.0	0.085	ug/L			07/25/19 21:32	2
4-Methyl-2-pentanone	ND		10	0.83	ug/L			07/25/19 21:32	2
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.13	ug/L			07/25/19 21:32	2
m,p-Xylene	ND		2.0	0.30	ug/L			07/25/19 21:32	2
Naphthalene	ND		2.0	0.19	ug/L			07/25/19 21:32	2
n-Butylbenzene	ND		1.0	0.22	ug/L			07/25/19 21:32	2
N-Propylbenzene	ND		1.0	0.15	ug/L			07/25/19 21:32	2
o-Xylene	ND		1.0	0.17	ug/L			07/25/19 21:32	2
p-Isopropyltoluene	ND		1.0	0.15	ug/L			07/25/19 21:32	2
sec-Butylbenzene	ND		1.0	0.19	ug/L			07/25/19 21:32	2
Styrene	ND		1.0	0.12	ug/L			07/25/19 21:32	2
Tert-amyl-methyl ether (TAME)	ND		1.0	0.20	ug/L			07/25/19 21:32	2
tert-Butyl alcohol (TBA)	ND		20	8.0	ug/L			07/25/19 21:32	2
tert-Butylbenzene	ND		1.0	0.16	ug/L			07/25/19 21:32	2
1,1,1,2-Tetrachloroethane	ND	*	1.0	0.14	ug/L			07/25/19 21:32	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			07/25/19 21:32	2
Tetrachloroethene	ND		1.0	0.48	ug/L			07/25/19 21:32	2
Toluene	ND		1.0	0.19	ug/L			07/25/19 21:32	2
trans-1,2-Dichloroethene	**1.6**		1.0	0.16	ug/L			07/25/19 21:32	2
trans-1,3-Dichloropropene	ND		1.0	0.11	ug/L			07/25/19 21:32	2
1,2,3-Trichlorobenzene	ND		1.0	0.24	ug/L			07/25/19 21:32	2
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L			07/25/19 21:32	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EI-1
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.17	ug/L			07/25/19 21:32	2
1,1,2-Trichloroethane	ND		1.0	0.14	ug/L			07/25/19 21:32	2
Trichloroethene	**8.0**		1.0	0.20	ug/L			07/25/19 21:32	2
Trichlorofluoromethane	ND		1.0	0.21	ug/L			07/25/19 21:32	2
1,2,3-Trichloropropane	ND		2.0	0.15	ug/L			07/25/19 21:32	2
1,2,4-Trimethylbenzene	ND		1.0	0.14	ug/L			07/25/19 21:32	2
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			07/25/19 21:32	2
Vinyl acetate	ND		10	1.4	ug/L			07/25/19 21:32	2
Vinyl chloride	**5.9**		1.0	0.16	ug/L			07/25/19 21:32	2
Hexachloro-1,3-butadiene	ND		4.0	1.2	ug/L			07/25/19 21:32	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*07/25/19 21:32*	*2*
Dibromofluoromethane	*113*		*80 - 127*		*07/25/19 21:32*	*2*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 128*		*07/25/19 21:32*	*2*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/25/19 21:32*	*2*

Client Sample ID: I-10
Date Collected: 07/19/19 08:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 00:45	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 00:45	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 00:45	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 00:45	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 00:45	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 00:45	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 00:45	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 00:45	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 00:45	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 00:45	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 00:45	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 00:45	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 00:45	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 00:45	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 00:45	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 00:45	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 00:45	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 00:45	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 00:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 00:45	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 00:45	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 00:45	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 00:45	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 00:45	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 00:45	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 00:45	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 00:45	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 00:45	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 00:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-10
Date Collected: 07/19/19 08:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 00:45	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 00:45	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 00:45	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 00:45	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 00:45	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 00:45	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 00:45	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 00:45	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 00:45	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 00:45	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 00:45	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 00:45	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 00:45	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 00:45	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 00:45	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 00:45	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 00:45	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 00:45	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 00:45	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 00:45	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 00:45	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 00:45	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 00:45	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 00:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 00:45	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 00:45	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 00:45	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 00:45	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 00:45	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 00:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 00:45	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 00:45	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 00:45	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 00:45	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 00:45	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 00:45	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 00:45	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 00:45	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 00:45	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 00:45	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*07/26/19 00:45*	*1*
Dibromofluoromethane	*115*		*80 - 127*		*07/26/19 00:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*07/26/19 00:45*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/26/19 00:45*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: I-1
Date Collected: 07/19/19 07:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100	40	ug/L			07/26/19 01:12	10
Benzene	ND		5.0	0.72	ug/L			07/26/19 01:12	10
Bromobenzene	ND		5.0	0.61	ug/L			07/26/19 01:12	10
Bromochloromethane	ND		10	0.82	ug/L			07/26/19 01:12	10
Bromodichloromethane	ND		5.0	0.53	ug/L			07/26/19 01:12	10
Bromoform	ND		5.0	0.96	ug/L			07/26/19 01:12	10
Bromomethane	ND		20	9.9	ug/L			07/26/19 01:12	10
2-Butanone	ND		50	4.6	ug/L			07/26/19 01:12	10
Carbon disulfide	ND		100	3.9	ug/L			07/26/19 01:12	10
Carbon tetrachloride	ND		5.0	0.57	ug/L			07/26/19 01:12	10
Chlorobenzene	ND		5.0	0.88	ug/L			07/26/19 01:12	10
Chloroethane	**1.2**	**J**	5.0	1.2	ug/L			07/26/19 01:12	10
Chloroform	ND		5.0	0.62	ug/L			07/26/19 01:12	10
Chloromethane	ND		50	20	ug/L			07/26/19 01:12	10
2-Chlorotoluene	ND		5.0	0.58	ug/L			07/26/19 01:12	10
4-Chlorotoluene	ND		5.0	0.91	ug/L			07/26/19 01:12	10
cis-1,2-Dichloroethene	**340**		5.0	1.1	ug/L			07/26/19 01:12	10
cis-1,3-Dichloropropene	ND		5.0	0.96	ug/L			07/26/19 01:12	10
Dibromochloromethane	ND		5.0	0.64	ug/L			07/26/19 01:12	10
1,2-Dibromo-3-Chloropropane	ND		50	5.1	ug/L			07/26/19 01:12	10
1,2-Dibromoethane	ND		5.0	0.59	ug/L			07/26/19 01:12	10
Dibromomethane	ND		5.0	1.3	ug/L			07/26/19 01:12	10
1,2-Dichlorobenzene	ND		5.0	0.82	ug/L			07/26/19 01:12	10
1,3-Dichlorobenzene	ND		5.0	0.98	ug/L			07/26/19 01:12	10
1,4-Dichlorobenzene	ND		5.0	0.73	ug/L			07/26/19 01:12	10
Dichlorodifluoromethane	ND		10	0.99	ug/L			07/26/19 01:12	10
1,1-Dichloroethane	**2.4**	**J**	5.0	0.60	ug/L			07/26/19 01:12	10
1,2-Dichloroethane	ND		5.0	0.75	ug/L			07/26/19 01:12	10
1,1-Dichloroethene	**1.6**	**J**	5.0	1.0	ug/L			07/26/19 01:12	10
1,2-Dichloropropane	ND		5.0	0.99	ug/L			07/26/19 01:12	10
1,3-Dichloropropane	ND		10	0.82	ug/L			07/26/19 01:12	10
2,2-Dichloropropane	ND		10	3.8	ug/L			07/26/19 01:12	10
1,1-Dichloropropene	ND		5.0	0.70	ug/L			07/26/19 01:12	10
Di-isopropyl ether (DIPE)	ND		5.0	0.70	ug/L			07/26/19 01:12	10
Ethylbenzene	ND		5.0	0.87	ug/L			07/26/19 01:12	10
Ethyl-t-butyl ether (ETBE)	ND		5.0	0.85	ug/L			07/26/19 01:12	10
2-Hexanone	ND		100	5.0	ug/L			07/26/19 01:12	10
Isopropylbenzene	ND		5.0	0.77	ug/L			07/26/19 01:12	10
Methylene Chloride	ND		10	0.43	ug/L			07/26/19 01:12	10
4-Methyl-2-pentanone	ND		50	4.2	ug/L			07/26/19 01:12	10
Methyl-t-Butyl Ether (MTBE)	ND		5.0	0.67	ug/L			07/26/19 01:12	10
m,p-Xylene	ND		10	1.5	ug/L			07/26/19 01:12	10
Naphthalene	ND		10	0.97	ug/L			07/26/19 01:12	10
n-Butylbenzene	ND		5.0	1.1	ug/L			07/26/19 01:12	10
N-Propylbenzene	ND		5.0	0.76	ug/L			07/26/19 01:12	10
o-Xylene	ND		5.0	0.86	ug/L			07/26/19 01:12	10
p-Isopropyltoluene	ND		5.0	0.74	ug/L			07/26/19 01:12	10
sec-Butylbenzene	ND		5.0	0.95	ug/L			07/26/19 01:12	10
Styrene	ND		5.0	0.59	ug/L			07/26/19 01:12	10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-1
Date Collected: 07/19/19 07:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		5.0	1.0	ug/L			07/26/19 01:12	10
tert-Butyl alcohol (TBA)	ND		100	40	ug/L			07/26/19 01:12	10
tert-Butylbenzene	ND		5.0	0.82	ug/L			07/26/19 01:12	10
1,1,1,2-Tetrachloroethane	ND		5.0	0.70	ug/L			07/26/19 01:12	10
1,1,2,2-Tetrachloroethane	ND		5.0	0.87	ug/L			07/26/19 01:12	10
Tetrachloroethene	ND		5.0	2.4	ug/L			07/26/19 01:12	10
Toluene	ND		5.0	0.93	ug/L			07/26/19 01:12	10
trans-1,2-Dichloroethene	**66**		5.0	0.82	ug/L			07/26/19 01:12	10
trans-1,3-Dichloropropene	ND		5.0	0.53	ug/L			07/26/19 01:12	10
1,2,3-Trichlorobenzene	ND		5.0	1.2	ug/L			07/26/19 01:12	10
1,2,4-Trichlorobenzene	ND		5.0	0.89	ug/L			07/26/19 01:12	10
1,1,1-Trichloroethane	ND		5.0	0.84	ug/L			07/26/19 01:12	10
1,1,2-Trichloroethane	ND		5.0	0.69	ug/L			07/26/19 01:12	10
Trichloroethene	**3.0**	**J**	5.0	1.0	ug/L			07/26/19 01:12	10
Trichlorofluoromethane	ND		5.0	1.0	ug/L			07/26/19 01:12	10
1,2,3-Trichloropropane	ND		10	0.76	ug/L			07/26/19 01:12	10
1,2,4-Trimethylbenzene	ND		5.0	0.68	ug/L			07/26/19 01:12	10
1,3,5-Trimethylbenzene	ND		5.0	0.79	ug/L			07/26/19 01:12	10
Vinyl acetate	ND		50	7.0	ug/L			07/26/19 01:12	10
Vinyl chloride	**36**		5.0	0.78	ug/L			07/26/19 01:12	10
Hexachloro-1,3-butadiene	ND		20	5.9	ug/L			07/26/19 01:12	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*07/26/19 01:12*	*10*
Dibromofluoromethane	*111*		*80 - 127*		*07/26/19 01:12*	*10*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*07/26/19 01:12*	*10*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/26/19 01:12*	*10*

Client Sample ID: TB-2
Date Collected: 07/19/19 06:00
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 01:40	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 01:40	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 01:40	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 01:40	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 01:40	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 01:40	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 01:40	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 01:40	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 01:40	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 01:40	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 01:40	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 01:40	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 01:40	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 01:40	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 01:40	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 01:40	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 01:40	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 01:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-2
Date Collected: 07/19/19 06:00
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 01:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 01:40	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 01:40	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 01:40	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 01:40	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 01:40	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 01:40	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 01:40	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 01:40	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 01:40	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 01:40	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 01:40	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 01:40	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 01:40	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 01:40	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 01:40	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 01:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 01:40	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 01:40	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 01:40	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 01:40	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 01:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 01:40	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 01:40	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 01:40	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 01:40	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 01:40	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 01:40	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 01:40	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 01:40	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 01:40	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 01:40	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 01:40	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 01:40	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 01:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 01:40	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 01:40	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 01:40	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 01:40	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 01:40	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 01:40	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 01:40	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 01:40	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 01:40	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 01:40	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 01:40	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 01:40	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 01:40	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 01:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-2
Date Collected: 07/19/19 06:00
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 01:40	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 01:40	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*07/26/19 01:40*	*1*
Dibromofluoromethane	*116*		*80 - 127*		*07/26/19 01:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*07/26/19 01:40*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/26/19 01:40*	*1*

Client Sample ID: M-45
Date Collected: 07/19/19 07:18
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 02:07	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 02:07	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 02:07	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 02:07	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 02:07	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 02:07	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 02:07	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 02:07	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 02:07	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 02:07	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 02:07	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 02:07	1
Chloroform	**0.074**	**J**	0.50	0.062	ug/L			07/26/19 02:07	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 02:07	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 02:07	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 02:07	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 02:07	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 02:07	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 02:07	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 02:07	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 02:07	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 02:07	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 02:07	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 02:07	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 02:07	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 02:07	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 02:07	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 02:07	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 02:07	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 02:07	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 02:07	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 02:07	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 02:07	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 02:07	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 02:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 02:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-45
Date Collected: 07/19/19 07:18
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		10	0.50	ug/L			07/26/19 02:07	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 02:07	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 02:07	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 02:07	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 02:07	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 02:07	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 02:07	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 02:07	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 02:07	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 02:07	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 02:07	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 02:07	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 02:07	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 02:07	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 02:07	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 02:07	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 02:07	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 02:07	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 02:07	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 02:07	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 02:07	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 02:07	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 02:07	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 02:07	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 02:07	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 02:07	1
Trichloroethene	**0.23**	**J**	0.50	0.10	ug/L			07/26/19 02:07	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 02:07	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 02:07	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 02:07	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 02:07	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 02:07	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 02:07	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*07/26/19 02:07*	*1*
Dibromofluoromethane	*114*		*80 - 127*		*07/26/19 02:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*		*07/26/19 02:07*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/26/19 02:07*	*1*

Client Sample ID: I-20
Date Collected: 07/19/19 08:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 02:35	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 02:35	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 02:35	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 02:35	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 02:35	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-20
Date Collected: 07/19/19 08:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.50	0.096	ug/L			07/26/19 02:35	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 02:35	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 02:35	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 02:35	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 02:35	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 02:35	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 02:35	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 02:35	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 02:35	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 02:35	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 02:35	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 02:35	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 02:35	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 02:35	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 02:35	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 02:35	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 02:35	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 02:35	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 02:35	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 02:35	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 02:35	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 02:35	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 02:35	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 02:35	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 02:35	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 02:35	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 02:35	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 02:35	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 02:35	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 02:35	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 02:35	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 02:35	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 02:35	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 02:35	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 02:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 02:35	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 02:35	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 02:35	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 02:35	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 02:35	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 02:35	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 02:35	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 02:35	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 02:35	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 02:35	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 02:35	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 02:35	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 02:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 02:35	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-20
Date Collected: 07/19/19 08:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 02:35	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 02:35	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 02:35	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 02:35	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 02:35	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 02:35	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 02:35	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 02:35	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 02:35	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 02:35	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 02:35	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 02:35	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 02:35	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 02:35	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 02:35	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*07/26/19 02:35*	*1*
Dibromofluoromethane	*112*		*80 - 127*		*07/26/19 02:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*		*07/26/19 02:35*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/26/19 02:35*	*1*

Client Sample ID: M-33
Date Collected: 07/19/19 10:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 15:09	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 15:09	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 15:09	1
Bromochloromethane	ND	*	1.0	0.082	ug/L			07/26/19 15:09	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 15:09	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 15:09	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 15:09	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 15:09	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 15:09	1
Carbon tetrachloride	ND	*	0.50	0.057	ug/L			07/26/19 15:09	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 15:09	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 15:09	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 15:09	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 15:09	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 15:09	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 15:09	1
cis-1,2-Dichloroethene	**22**		0.50	0.11	ug/L			07/26/19 15:09	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 15:09	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 15:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 15:09	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 15:09	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 15:09	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 15:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-33
Date Collected: 07/19/19 10:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 15:09	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 15:09	1
Dichlorodifluoromethane	ND	*	1.0	0.099	ug/L			07/26/19 15:09	1
1,1-Dichloroethane	**0.15**	**J**	0.50	0.060	ug/L			07/26/19 15:09	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 15:09	1
1,1-Dichloroethene	**0.28**	**J**	0.50	0.10	ug/L			07/26/19 15:09	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 15:09	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 15:09	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 15:09	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 15:09	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 15:09	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 15:09	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 15:09	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 15:09	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 15:09	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 15:09	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 15:09	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 15:09	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 15:09	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 15:09	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 15:09	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 15:09	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 15:09	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 15:09	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 15:09	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 15:09	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 15:09	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 15:09	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 15:09	1
1,1,1,2-Tetrachloroethane	ND	*	0.50	0.070	ug/L			07/26/19 15:09	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 15:09	1
Tetrachloroethene	**0.45**	**J**	0.50	0.24	ug/L			07/26/19 15:09	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 15:09	1
trans-1,2-Dichloroethene	**0.70**		0.50	0.082	ug/L			07/26/19 15:09	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 15:09	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 15:09	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 15:09	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 15:09	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 15:09	1
Trichloroethene	**2.5**		0.50	0.10	ug/L			07/26/19 15:09	1
Trichlorofluoromethane	ND	*	0.50	0.10	ug/L			07/26/19 15:09	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 15:09	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 15:09	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 15:09	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 15:09	1
Vinyl chloride	**0.45**	**J**	0.50	0.078	ug/L			07/26/19 15:09	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*68 - 120*		*07/26/19 15:09*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-33
Date Collected: 07/19/19 10:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-11
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*115*		*80 - 127*		*07/26/19 15:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*07/26/19 15:09*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/26/19 15:09*	*1*

Client Sample ID: ES-4B
Date Collected: 07/19/19 11:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**9.6**	**J**	10	4.0	ug/L			07/26/19 15:36	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 15:36	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 15:36	1
Bromochloromethane	ND	*	1.0	0.082	ug/L			07/26/19 15:36	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 15:36	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 15:36	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 15:36	1
2-Butanone	**3.6**	**J**	5.0	0.46	ug/L			07/26/19 15:36	1
Carbon disulfide	**0.40**	**J**	10	0.39	ug/L			07/26/19 15:36	1
Carbon tetrachloride	ND	*	0.50	0.057	ug/L			07/26/19 15:36	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 15:36	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 15:36	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 15:36	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 15:36	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 15:36	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 15:36	1
cis-1,2-Dichloroethene	**10**		0.50	0.11	ug/L			07/26/19 15:36	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 15:36	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 15:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 15:36	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 15:36	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 15:36	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 15:36	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 15:36	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 15:36	1
Dichlorodifluoromethane	ND	*	1.0	0.099	ug/L			07/26/19 15:36	1
1,1-Dichloroethane	**0.061**	**J**	0.50	0.060	ug/L			07/26/19 15:36	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 15:36	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 15:36	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 15:36	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 15:36	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 15:36	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 15:36	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 15:36	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 15:36	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 15:36	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 15:36	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 15:36	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 15:36	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 15:36	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 15:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: ES-4B
Date Collected: 07/19/19 11:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 15:36	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 15:36	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 15:36	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 15:36	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 15:36	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 15:36	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 15:36	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 15:36	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 15:36	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 15:36	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 15:36	1
1,1,1,2-Tetrachloroethane	ND	*	0.50	0.070	ug/L			07/26/19 15:36	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 15:36	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 15:36	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 15:36	1
trans-1,2-Dichloroethene	**0.31**	**J**	0.50	0.082	ug/L			07/26/19 15:36	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 15:36	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 15:36	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 15:36	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 15:36	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 15:36	1
Trichloroethene	**0.86**		0.50	0.10	ug/L			07/26/19 15:36	1
Trichlorofluoromethane	ND	*	0.50	0.10	ug/L			07/26/19 15:36	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 15:36	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 15:36	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 15:36	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 15:36	1
Vinyl chloride	**7.4**		0.50	0.078	ug/L			07/26/19 15:36	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*07/26/19 15:36*	*1*
Dibromofluoromethane	*116*		*80 - 127*		*07/26/19 15:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*		*07/26/19 15:36*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/26/19 15:36*	*1*

Client Sample ID: ES-5A
Date Collected: 07/19/19 12:58
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 03:57	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 03:57	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 03:57	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 03:57	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 03:57	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 03:57	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 03:57	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 03:57	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 03:57	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 03:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: ES-5A
Date Collected: 07/19/19 12:58
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 03:57	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 03:57	1
Chloroform	**0.11**	**J**	0.50	0.062	ug/L			07/26/19 03:57	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 03:57	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 03:57	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 03:57	1
cis-1,2-Dichloroethene	**1.8**		0.50	0.11	ug/L			07/26/19 03:57	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 03:57	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 03:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 03:57	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 03:57	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 03:57	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 03:57	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 03:57	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 03:57	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 03:57	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 03:57	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 03:57	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 03:57	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 03:57	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 03:57	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 03:57	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 03:57	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 03:57	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 03:57	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 03:57	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 03:57	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 03:57	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 03:57	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 03:57	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 03:57	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 03:57	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 03:57	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 03:57	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 03:57	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 03:57	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 03:57	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 03:57	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 03:57	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 03:57	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 03:57	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 03:57	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 03:57	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 03:57	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 03:57	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 03:57	1
trans-1,2-Dichloroethene	**0.26**	**J**	0.50	0.082	ug/L			07/26/19 03:57	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 03:57	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 03:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: ES-5A
Date Collected: 07/19/19 12:58
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 03:57	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 03:57	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 03:57	1
Trichloroethene	**0.20**	**J**	0.50	0.10	ug/L			07/26/19 03:57	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 03:57	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 03:57	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 03:57	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 03:57	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 03:57	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 03:57	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*07/26/19 03:57*	*1*
Dibromofluoromethane	*114*		*80 - 127*		*07/26/19 03:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*		*07/26/19 03:57*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/26/19 03:57*	*1*

Client Sample ID: IT-5
Date Collected: 07/19/19 14:47
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 04:25	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 04:25	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 04:25	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 04:25	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 04:25	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 04:25	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 04:25	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 04:25	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 04:25	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 04:25	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 04:25	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 04:25	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 04:25	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 04:25	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 04:25	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 04:25	1
cis-1,2-Dichloroethene	**3.0**		0.50	0.11	ug/L			07/26/19 04:25	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 04:25	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 04:25	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 04:25	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 04:25	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 04:25	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 04:25	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 04:25	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 04:25	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 04:25	1
1,1-Dichloroethane	**0.28**	**J**	0.50	0.060	ug/L			07/26/19 04:25	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 04:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: IT-5
Date Collected: 07/19/19 14:47
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.13**	**J**	0.50	0.10	ug/L			07/26/19 04:25	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 04:25	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 04:25	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 04:25	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 04:25	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 04:25	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 04:25	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 04:25	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 04:25	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 04:25	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 04:25	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 04:25	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 04:25	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 04:25	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 04:25	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 04:25	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 04:25	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 04:25	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 04:25	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 04:25	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 04:25	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 04:25	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 04:25	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 04:25	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 04:25	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 04:25	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 04:25	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 04:25	1
trans-1,2-Dichloroethene	**0.14**	**J**	0.50	0.082	ug/L			07/26/19 04:25	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 04:25	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 04:25	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 04:25	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 04:25	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 04:25	1
Trichloroethene	**0.25**	**J**	0.50	0.10	ug/L			07/26/19 04:25	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 04:25	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 04:25	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 04:25	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 04:25	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 04:25	1
Vinyl chloride	**0.37**	**J**	0.50	0.078	ug/L			07/26/19 04:25	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*07/26/19 04:25*	*1*
Dibromofluoromethane	*113*		*80 - 127*		*07/26/19 04:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*		*07/26/19 04:25*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/26/19 04:25*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: I-6
Date Collected: 07/19/19 07:23
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		40	16	ug/L			07/26/19 04:52	4
Benzene	ND		2.0	0.29	ug/L			07/26/19 04:52	4
Bromobenzene	ND		2.0	0.24	ug/L			07/26/19 04:52	4
Bromochloromethane	ND		4.0	0.33	ug/L			07/26/19 04:52	4
Bromodichloromethane	ND		2.0	0.21	ug/L			07/26/19 04:52	4
Bromoform	ND		2.0	0.39	ug/L			07/26/19 04:52	4
Bromomethane	ND		8.0	4.0	ug/L			07/26/19 04:52	4
2-Butanone	ND		20	1.8	ug/L			07/26/19 04:52	4
Carbon disulfide	ND		40	1.5	ug/L			07/26/19 04:52	4
Carbon tetrachloride	ND		2.0	0.23	ug/L			07/26/19 04:52	4
Chlorobenzene	ND		2.0	0.35	ug/L			07/26/19 04:52	4
Chloroethane	ND		2.0	0.47	ug/L			07/26/19 04:52	4
Chloroform	ND		2.0	0.25	ug/L			07/26/19 04:52	4
Chloromethane	ND		20	7.8	ug/L			07/26/19 04:52	4
2-Chlorotoluene	ND		2.0	0.23	ug/L			07/26/19 04:52	4
4-Chlorotoluene	ND		2.0	0.36	ug/L			07/26/19 04:52	4
cis-1,2-Dichloroethene	**83**		2.0	0.43	ug/L			07/26/19 04:52	4
cis-1,3-Dichloropropene	ND		2.0	0.38	ug/L			07/26/19 04:52	4
Dibromochloromethane	ND		2.0	0.25	ug/L			07/26/19 04:52	4
1,2-Dibromo-3-Chloropropane	ND		20	2.1	ug/L			07/26/19 04:52	4
1,2-Dibromoethane	ND		2.0	0.24	ug/L			07/26/19 04:52	4
Dibromomethane	ND		2.0	0.50	ug/L			07/26/19 04:52	4
1,2-Dichlorobenzene	ND		2.0	0.33	ug/L			07/26/19 04:52	4
1,3-Dichlorobenzene	ND		2.0	0.39	ug/L			07/26/19 04:52	4
1,4-Dichlorobenzene	ND		2.0	0.29	ug/L			07/26/19 04:52	4
Dichlorodifluoromethane	ND		4.0	0.40	ug/L			07/26/19 04:52	4
1,1-Dichloroethane	**17**		2.0	0.24	ug/L			07/26/19 04:52	4
1,2-Dichloroethane	ND		2.0	0.30	ug/L			07/26/19 04:52	4
1,1-Dichloroethene	**1.7**	**J**	2.0	0.41	ug/L			07/26/19 04:52	4
1,2-Dichloropropane	ND		2.0	0.39	ug/L			07/26/19 04:52	4
1,3-Dichloropropane	ND		4.0	0.33	ug/L			07/26/19 04:52	4
2,2-Dichloropropane	ND		4.0	1.5	ug/L			07/26/19 04:52	4
1,1-Dichloropropene	ND		2.0	0.28	ug/L			07/26/19 04:52	4
Di-isopropyl ether (DIPE)	ND		2.0	0.28	ug/L			07/26/19 04:52	4
Ethylbenzene	ND		2.0	0.35	ug/L			07/26/19 04:52	4
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.34	ug/L			07/26/19 04:52	4
2-Hexanone	ND		40	2.0	ug/L			07/26/19 04:52	4
Isopropylbenzene	ND		2.0	0.31	ug/L			07/26/19 04:52	4
Methylene Chloride	ND		4.0	0.17	ug/L			07/26/19 04:52	4
4-Methyl-2-pentanone	ND		20	1.7	ug/L			07/26/19 04:52	4
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.27	ug/L			07/26/19 04:52	4
m,p-Xylene	ND		4.0	0.59	ug/L			07/26/19 04:52	4
Naphthalene	ND		4.0	0.39	ug/L			07/26/19 04:52	4
n-Butylbenzene	ND		2.0	0.43	ug/L			07/26/19 04:52	4
N-Propylbenzene	ND		2.0	0.31	ug/L			07/26/19 04:52	4
o-Xylene	ND		2.0	0.34	ug/L			07/26/19 04:52	4
p-Isopropyltoluene	ND		2.0	0.29	ug/L			07/26/19 04:52	4
sec-Butylbenzene	ND		2.0	0.38	ug/L			07/26/19 04:52	4
Styrene	ND		2.0	0.23	ug/L			07/26/19 04:52	4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-6
Date Collected: 07/19/19 07:23
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		2.0	0.40	ug/L			07/26/19 04:52	4
tert-Butyl alcohol (TBA)	ND		40	16	ug/L			07/26/19 04:52	4
tert-Butylbenzene	ND		2.0	0.33	ug/L			07/26/19 04:52	4
1,1,1,2-Tetrachloroethane	ND		2.0	0.28	ug/L			07/26/19 04:52	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.35	ug/L			07/26/19 04:52	4
Tetrachloroethene	ND		2.0	0.97	ug/L			07/26/19 04:52	4
Toluene	ND		2.0	0.37	ug/L			07/26/19 04:52	4
trans-1,2-Dichloroethene	**1.9**	**J**	2.0	0.33	ug/L			07/26/19 04:52	4
trans-1,3-Dichloropropene	ND		2.0	0.21	ug/L			07/26/19 04:52	4
1,2,3-Trichlorobenzene	ND		2.0	0.47	ug/L			07/26/19 04:52	4
1,2,4-Trichlorobenzene	ND		2.0	0.36	ug/L			07/26/19 04:52	4
1,1,1-Trichloroethane	ND		2.0	0.34	ug/L			07/26/19 04:52	4
1,1,2-Trichloroethane	ND		2.0	0.28	ug/L			07/26/19 04:52	4
Trichloroethene	**0.46**	**J**	2.0	0.41	ug/L			07/26/19 04:52	4
Trichlorofluoromethane	ND		2.0	0.41	ug/L			07/26/19 04:52	4
1,2,3-Trichloropropane	ND		4.0	0.31	ug/L			07/26/19 04:52	4
1,2,4-Trimethylbenzene	ND		2.0	0.27	ug/L			07/26/19 04:52	4
1,3,5-Trimethylbenzene	ND		2.0	0.31	ug/L			07/26/19 04:52	4
Vinyl acetate	ND		20	2.8	ug/L			07/26/19 04:52	4
Vinyl chloride	**23**		2.0	0.31	ug/L			07/26/19 04:52	4
Hexachloro-1,3-butadiene	ND		8.0	2.3	ug/L			07/26/19 04:52	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*07/26/19 04:52*	*4*
Dibromofluoromethane	*114*		*80 - 127*		*07/26/19 04:52*	*4*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*		*07/26/19 04:52*	*4*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/26/19 04:52*	*4*

Client Sample ID: EI-3
Date Collected: 07/19/19 08:26
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	8.0	ug/L			07/26/19 05:20	2
Benzene	ND		1.0	0.14	ug/L			07/26/19 05:20	2
Bromobenzene	ND		1.0	0.12	ug/L			07/26/19 05:20	2
Bromochloromethane	ND		2.0	0.16	ug/L			07/26/19 05:20	2
Bromodichloromethane	ND		1.0	0.11	ug/L			07/26/19 05:20	2
Bromoform	ND		1.0	0.19	ug/L			07/26/19 05:20	2
Bromomethane	ND		4.0	2.0	ug/L			07/26/19 05:20	2
2-Butanone	**2.2**	**J**	10	0.92	ug/L			07/26/19 05:20	2
Carbon disulfide	ND		20	0.77	ug/L			07/26/19 05:20	2
Carbon tetrachloride	ND		1.0	0.11	ug/L			07/26/19 05:20	2
Chlorobenzene	ND		1.0	0.18	ug/L			07/26/19 05:20	2
Chloroethane	ND		1.0	0.23	ug/L			07/26/19 05:20	2
Chloroform	ND		1.0	0.12	ug/L			07/26/19 05:20	2
Chloromethane	ND		10	3.9	ug/L			07/26/19 05:20	2
2-Chlorotoluene	ND		1.0	0.12	ug/L			07/26/19 05:20	2
4-Chlorotoluene	ND		1.0	0.18	ug/L			07/26/19 05:20	2
cis-1,2-Dichloroethene	**66**		1.0	0.22	ug/L			07/26/19 05:20	2
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			07/26/19 05:20	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EI-3
Date Collected: 07/19/19 08:26
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.13	ug/L			07/26/19 05:20	2
1,2-Dibromo-3-Chloropropane	ND		10	1.0	ug/L			07/26/19 05:20	2
1,2-Dibromoethane	ND		1.0	0.12	ug/L			07/26/19 05:20	2
Dibromomethane	ND		1.0	0.25	ug/L			07/26/19 05:20	2
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L			07/26/19 05:20	2
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			07/26/19 05:20	2
1,4-Dichlorobenzene	ND		1.0	0.15	ug/L			07/26/19 05:20	2
Dichlorodifluoromethane	ND		2.0	0.20	ug/L			07/26/19 05:20	2
1,1-Dichloroethane	**14**		1.0	0.12	ug/L			07/26/19 05:20	2
1,2-Dichloroethane	ND		1.0	0.15	ug/L			07/26/19 05:20	2
1,1-Dichloroethene	**1.2**		1.0	0.21	ug/L			07/26/19 05:20	2
1,2-Dichloropropane	ND		1.0	0.20	ug/L			07/26/19 05:20	2
1,3-Dichloropropane	ND		2.0	0.16	ug/L			07/26/19 05:20	2
2,2-Dichloropropane	ND		2.0	0.75	ug/L			07/26/19 05:20	2
1,1-Dichloropropene	ND		1.0	0.14	ug/L			07/26/19 05:20	2
Di-isopropyl ether (DIPE)	ND		1.0	0.14	ug/L			07/26/19 05:20	2
Ethylbenzene	ND		1.0	0.17	ug/L			07/26/19 05:20	2
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.17	ug/L			07/26/19 05:20	2
2-Hexanone	ND		20	1.0	ug/L			07/26/19 05:20	2
Isopropylbenzene	ND		1.0	0.15	ug/L			07/26/19 05:20	2
Methylene Chloride	ND		2.0	0.085	ug/L			07/26/19 05:20	2
4-Methyl-2-pentanone	ND		10	0.83	ug/L			07/26/19 05:20	2
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.13	ug/L			07/26/19 05:20	2
m,p-Xylene	ND		2.0	0.30	ug/L			07/26/19 05:20	2
Naphthalene	ND		2.0	0.19	ug/L			07/26/19 05:20	2
n-Butylbenzene	ND		1.0	0.22	ug/L			07/26/19 05:20	2
N-Propylbenzene	ND		1.0	0.15	ug/L			07/26/19 05:20	2
o-Xylene	ND		1.0	0.17	ug/L			07/26/19 05:20	2
p-Isopropyltoluene	ND		1.0	0.15	ug/L			07/26/19 05:20	2
sec-Butylbenzene	ND		1.0	0.19	ug/L			07/26/19 05:20	2
Styrene	ND		1.0	0.12	ug/L			07/26/19 05:20	2
Tert-amyl-methyl ether (TAME)	ND		1.0	0.20	ug/L			07/26/19 05:20	2
tert-Butyl alcohol (TBA)	ND		20	8.0	ug/L			07/26/19 05:20	2
tert-Butylbenzene	ND		1.0	0.16	ug/L			07/26/19 05:20	2
1,1,1,2-Tetrachloroethane	ND		1.0	0.14	ug/L			07/26/19 05:20	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			07/26/19 05:20	2
Tetrachloroethene	ND		1.0	0.48	ug/L			07/26/19 05:20	2
Toluene	ND		1.0	0.19	ug/L			07/26/19 05:20	2
trans-1,2-Dichloroethene	**1.7**		1.0	0.16	ug/L			07/26/19 05:20	2
trans-1,3-Dichloropropene	ND		1.0	0.11	ug/L			07/26/19 05:20	2
1,2,3-Trichlorobenzene	ND		1.0	0.24	ug/L			07/26/19 05:20	2
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L			07/26/19 05:20	2
1,1,1-Trichloroethane	ND		1.0	0.17	ug/L			07/26/19 05:20	2
1,1,2-Trichloroethane	ND		1.0	0.14	ug/L			07/26/19 05:20	2
Trichloroethene	**0.73**	**J**	1.0	0.20	ug/L			07/26/19 05:20	2
Trichlorofluoromethane	ND		1.0	0.21	ug/L			07/26/19 05:20	2
1,2,3-Trichloropropane	ND		2.0	0.15	ug/L			07/26/19 05:20	2
1,2,4-Trimethylbenzene	ND		1.0	0.14	ug/L			07/26/19 05:20	2
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			07/26/19 05:20	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EI-3
Date Collected: 07/19/19 08:26
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		10	1.4	ug/L			07/26/19 05:20	2
Vinyl chloride	**17**		1.0	0.16	ug/L			07/26/19 05:20	2
Hexachloro-1,3-butadiene	ND		4.0	1.2	ug/L			07/26/19 05:20	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*07/26/19 05:20*	*2*
Dibromofluoromethane	*113*		*80 - 127*		*07/26/19 05:20*	*2*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*		*07/26/19 05:20*	*2*
Toluene-d8 (Surr)	*105*		*80 - 120*		*07/26/19 05:20*	*2*

Client Sample ID: M-40
Date Collected: 07/19/19 09:28
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	8.0	ug/L			07/26/19 05:47	2
Benzene	ND		1.0	0.14	ug/L			07/26/19 05:47	2
Bromobenzene	ND		1.0	0.12	ug/L			07/26/19 05:47	2
Bromochloromethane	ND		2.0	0.16	ug/L			07/26/19 05:47	2
Bromodichloromethane	ND		1.0	0.11	ug/L			07/26/19 05:47	2
Bromoform	ND		1.0	0.19	ug/L			07/26/19 05:47	2
Bromomethane	ND		4.0	2.0	ug/L			07/26/19 05:47	2
2-Butanone	**2.2**	**J**	10	0.92	ug/L			07/26/19 05:47	2
Carbon disulfide	ND		20	0.77	ug/L			07/26/19 05:47	2
Carbon tetrachloride	ND		1.0	0.11	ug/L			07/26/19 05:47	2
Chlorobenzene	ND		1.0	0.18	ug/L			07/26/19 05:47	2
Chloroethane	**4.2**		1.0	0.23	ug/L			07/26/19 05:47	2
Chloroform	**0.19**	**J**	1.0	0.12	ug/L			07/26/19 05:47	2
Chloromethane	ND		10	3.9	ug/L			07/26/19 05:47	2
2-Chlorotoluene	ND		1.0	0.12	ug/L			07/26/19 05:47	2
4-Chlorotoluene	ND		1.0	0.18	ug/L			07/26/19 05:47	2
cis-1,2-Dichloroethene	**18**		1.0	0.22	ug/L			07/26/19 05:47	2
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			07/26/19 05:47	2
Dibromochloromethane	ND		1.0	0.13	ug/L			07/26/19 05:47	2
1,2-Dibromo-3-Chloropropane	ND		10	1.0	ug/L			07/26/19 05:47	2
1,2-Dibromoethane	ND		1.0	0.12	ug/L			07/26/19 05:47	2
Dibromomethane	ND		1.0	0.25	ug/L			07/26/19 05:47	2
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L			07/26/19 05:47	2
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			07/26/19 05:47	2
1,4-Dichlorobenzene	ND		1.0	0.15	ug/L			07/26/19 05:47	2
Dichlorodifluoromethane	ND		2.0	0.20	ug/L			07/26/19 05:47	2
1,1-Dichloroethane	**0.16**	**J**	1.0	0.12	ug/L			07/26/19 05:47	2
1,2-Dichloroethane	ND		1.0	0.15	ug/L			07/26/19 05:47	2
1,1-Dichloroethene	**0.23**	**J**	1.0	0.21	ug/L			07/26/19 05:47	2
1,2-Dichloropropane	ND		1.0	0.20	ug/L			07/26/19 05:47	2
1,3-Dichloropropane	ND		2.0	0.16	ug/L			07/26/19 05:47	2
2,2-Dichloropropane	ND		2.0	0.75	ug/L			07/26/19 05:47	2
1,1-Dichloropropene	ND		1.0	0.14	ug/L			07/26/19 05:47	2
Di-isopropyl ether (DIPE)	ND		1.0	0.14	ug/L			07/26/19 05:47	2
Ethylbenzene	ND		1.0	0.17	ug/L			07/26/19 05:47	2
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.17	ug/L			07/26/19 05:47	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-40
Date Collected: 07/19/19 09:28
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		20	1.0	ug/L			07/26/19 05:47	2
Isopropylbenzene	ND		1.0	0.15	ug/L			07/26/19 05:47	2
Methylene Chloride	ND		2.0	0.085	ug/L			07/26/19 05:47	2
4-Methyl-2-pentanone	ND		10	0.83	ug/L			07/26/19 05:47	2
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.13	ug/L			07/26/19 05:47	2
m,p-Xylene	ND		2.0	0.30	ug/L			07/26/19 05:47	2
Naphthalene	ND		2.0	0.19	ug/L			07/26/19 05:47	2
n-Butylbenzene	ND		1.0	0.22	ug/L			07/26/19 05:47	2
N-Propylbenzene	ND		1.0	0.15	ug/L			07/26/19 05:47	2
o-Xylene	ND		1.0	0.17	ug/L			07/26/19 05:47	2
p-Isopropyltoluene	ND		1.0	0.15	ug/L			07/26/19 05:47	2
sec-Butylbenzene	ND		1.0	0.19	ug/L			07/26/19 05:47	2
Styrene	ND		1.0	0.12	ug/L			07/26/19 05:47	2
Tert-amyl-methyl ether (TAME)	ND		1.0	0.20	ug/L			07/26/19 05:47	2
tert-Butyl alcohol (TBA)	ND		20	8.0	ug/L			07/26/19 05:47	2
tert-Butylbenzene	ND		1.0	0.16	ug/L			07/26/19 05:47	2
1,1,1,2-Tetrachloroethane	ND		1.0	0.14	ug/L			07/26/19 05:47	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			07/26/19 05:47	2
Tetrachloroethene	**1.4**		1.0	0.48	ug/L			07/26/19 05:47	2
Toluene	ND		1.0	0.19	ug/L			07/26/19 05:47	2
trans-1,2-Dichloroethene	**0.74**	**J**	1.0	0.16	ug/L			07/26/19 05:47	2
trans-1,3-Dichloropropene	ND		1.0	0.11	ug/L			07/26/19 05:47	2
1,2,3-Trichlorobenzene	ND		1.0	0.24	ug/L			07/26/19 05:47	2
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L			07/26/19 05:47	2
1,1,1-Trichloroethane	ND		1.0	0.17	ug/L			07/26/19 05:47	2
1,1,2-Trichloroethane	ND		1.0	0.14	ug/L			07/26/19 05:47	2
Trichloroethene	**67**		1.0	0.20	ug/L			07/26/19 05:47	2
Trichlorofluoromethane	ND		1.0	0.21	ug/L			07/26/19 05:47	2
1,2,3-Trichloropropane	ND		2.0	0.15	ug/L			07/26/19 05:47	2
1,2,4-Trimethylbenzene	ND		1.0	0.14	ug/L			07/26/19 05:47	2
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			07/26/19 05:47	2
Vinyl acetate	ND		10	1.4	ug/L			07/26/19 05:47	2
Vinyl chloride	ND		1.0	0.16	ug/L			07/26/19 05:47	2
Hexachloro-1,3-butadiene	ND		4.0	1.2	ug/L			07/26/19 05:47	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*07/26/19 05:47*	*2*
Dibromofluoromethane	*117*		*80 - 127*		*07/26/19 05:47*	*2*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*		*07/26/19 05:47*	*2*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/26/19 05:47*	*2*

Client Sample ID: EI-2
Date Collected: 07/19/19 10:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	8.0	ug/L			07/26/19 06:15	2
Benzene	**0.36**	**J**	1.0	0.14	ug/L			07/26/19 06:15	2
Bromobenzene	ND		1.0	0.12	ug/L			07/26/19 06:15	2
Bromochloromethane	ND		2.0	0.16	ug/L			07/26/19 06:15	2
Bromodichloromethane	ND		1.0	0.11	ug/L			07/26/19 06:15	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EI-2
Date Collected: 07/19/19 10:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.19	ug/L			07/26/19 06:15	2
Bromomethane	ND		4.0	2.0	ug/L			07/26/19 06:15	2
2-Butanone	ND		10	0.92	ug/L			07/26/19 06:15	2
Carbon disulfide	ND		20	0.77	ug/L			07/26/19 06:15	2
Carbon tetrachloride	ND		1.0	0.11	ug/L			07/26/19 06:15	2
Chlorobenzene	ND		1.0	0.18	ug/L			07/26/19 06:15	2
Chloroethane	**10**		1.0	0.23	ug/L			07/26/19 06:15	2
Chloroform	ND		1.0	0.12	ug/L			07/26/19 06:15	2
Chloromethane	ND		10	3.9	ug/L			07/26/19 06:15	2
2-Chlorotoluene	ND		1.0	0.12	ug/L			07/26/19 06:15	2
4-Chlorotoluene	ND		1.0	0.18	ug/L			07/26/19 06:15	2
cis-1,2-Dichloroethene	**62**		1.0	0.22	ug/L			07/26/19 06:15	2
cis-1,3-Dichloropropene	ND		1.0	0.19	ug/L			07/26/19 06:15	2
Dibromochloromethane	ND		1.0	0.13	ug/L			07/26/19 06:15	2
1,2-Dibromo-3-Chloropropane	ND		10	1.0	ug/L			07/26/19 06:15	2
1,2-Dibromoethane	ND		1.0	0.12	ug/L			07/26/19 06:15	2
Dibromomethane	ND		1.0	0.25	ug/L			07/26/19 06:15	2
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L			07/26/19 06:15	2
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			07/26/19 06:15	2
1,4-Dichlorobenzene	ND		1.0	0.15	ug/L			07/26/19 06:15	2
Dichlorodifluoromethane	ND		2.0	0.20	ug/L			07/26/19 06:15	2
1,1-Dichloroethane	**18**		1.0	0.12	ug/L			07/26/19 06:15	2
1,2-Dichloroethane	ND		1.0	0.15	ug/L			07/26/19 06:15	2
1,1-Dichloroethene	**1.6**		1.0	0.21	ug/L			07/26/19 06:15	2
1,2-Dichloropropane	ND		1.0	0.20	ug/L			07/26/19 06:15	2
1,3-Dichloropropane	ND		2.0	0.16	ug/L			07/26/19 06:15	2
2,2-Dichloropropane	ND		2.0	0.75	ug/L			07/26/19 06:15	2
1,1-Dichloropropene	ND		1.0	0.14	ug/L			07/26/19 06:15	2
Di-isopropyl ether (DIPE)	ND		1.0	0.14	ug/L			07/26/19 06:15	2
Ethylbenzene	ND		1.0	0.17	ug/L			07/26/19 06:15	2
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.17	ug/L			07/26/19 06:15	2
2-Hexanone	ND		20	1.0	ug/L			07/26/19 06:15	2
Isopropylbenzene	ND		1.0	0.15	ug/L			07/26/19 06:15	2
Methylene Chloride	ND		2.0	0.085	ug/L			07/26/19 06:15	2
4-Methyl-2-pentanone	ND		10	0.83	ug/L			07/26/19 06:15	2
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.13	ug/L			07/26/19 06:15	2
m,p-Xylene	ND		2.0	0.30	ug/L			07/26/19 06:15	2
Naphthalene	ND		2.0	0.19	ug/L			07/26/19 06:15	2
n-Butylbenzene	ND		1.0	0.22	ug/L			07/26/19 06:15	2
N-Propylbenzene	ND		1.0	0.15	ug/L			07/26/19 06:15	2
o-Xylene	ND		1.0	0.17	ug/L			07/26/19 06:15	2
p-Isopropyltoluene	ND		1.0	0.15	ug/L			07/26/19 06:15	2
sec-Butylbenzene	ND		1.0	0.19	ug/L			07/26/19 06:15	2
Styrene	ND		1.0	0.12	ug/L			07/26/19 06:15	2
Tert-amyl-methyl ether (TAME)	ND		1.0	0.20	ug/L			07/26/19 06:15	2
tert-Butyl alcohol (TBA)	ND		20	8.0	ug/L			07/26/19 06:15	2
tert-Butylbenzene	ND		1.0	0.16	ug/L			07/26/19 06:15	2
1,1,1,2-Tetrachloroethane	ND		1.0	0.14	ug/L			07/26/19 06:15	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			07/26/19 06:15	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EI-2
Date Collected: 07/19/19 10:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.48	ug/L			07/26/19 06:15	2
Toluene	ND		1.0	0.19	ug/L			07/26/19 06:15	2
trans-1,2-Dichloroethene	**3.3**		1.0	0.16	ug/L			07/26/19 06:15	2
trans-1,3-Dichloropropene	ND		1.0	0.11	ug/L			07/26/19 06:15	2
1,2,3-Trichlorobenzene	ND		1.0	0.24	ug/L			07/26/19 06:15	2
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L			07/26/19 06:15	2
1,1,1-Trichloroethane	ND		1.0	0.17	ug/L			07/26/19 06:15	2
1,1,2-Trichloroethane	ND		1.0	0.14	ug/L			07/26/19 06:15	2
Trichloroethene	**1.3**		1.0	0.20	ug/L			07/26/19 06:15	2
Trichlorofluoromethane	ND		1.0	0.21	ug/L			07/26/19 06:15	2
1,2,3-Trichloropropane	ND		2.0	0.15	ug/L			07/26/19 06:15	2
1,2,4-Trimethylbenzene	ND		1.0	0.14	ug/L			07/26/19 06:15	2
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			07/26/19 06:15	2
Vinyl acetate	ND		10	1.4	ug/L			07/26/19 06:15	2
Vinyl chloride	**32**		1.0	0.16	ug/L			07/26/19 06:15	2
Hexachloro-1,3-butadiene	ND		4.0	1.2	ug/L			07/26/19 06:15	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*07/26/19 06:15*	*2*
Dibromofluoromethane	*116*		*80 - 127*		*07/26/19 06:15*	*2*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*		*07/26/19 06:15*	*2*
Toluene-d8 (Surr)	*105*		*80 - 120*		*07/26/19 06:15*	*2*

Client Sample ID: DUP-2
Date Collected: 07/19/19 10:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-19
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H	20	8.0	ug/L			08/06/19 13:39	2
Benzene	**0.38**	**J H**	1.0	0.14	ug/L			08/06/19 13:39	2
Bromobenzene	ND	H	1.0	0.12	ug/L			08/06/19 13:39	2
Bromochloromethane	ND	H	2.0	0.16	ug/L			08/06/19 13:39	2
Bromodichloromethane	ND	H	1.0	0.11	ug/L			08/06/19 13:39	2
Bromoform	ND	H	1.0	0.19	ug/L			08/06/19 13:39	2
Bromomethane	ND	H	4.0	2.0	ug/L			08/06/19 13:39	2
2-Butanone	ND	H	10	0.92	ug/L			08/06/19 13:39	2
Carbon disulfide	ND	H	20	0.77	ug/L			08/06/19 13:39	2
Carbon tetrachloride	ND	H	1.0	0.11	ug/L			08/06/19 13:39	2
Chlorobenzene	ND	H	1.0	0.18	ug/L			08/06/19 13:39	2
Chloroethane	ND	H	1.0	0.23	ug/L			08/06/19 13:39	2
Chloroform	ND	H	1.0	0.12	ug/L			08/06/19 13:39	2
Chloromethane	ND	H	10	3.9	ug/L			08/06/19 13:39	2
2-Chlorotoluene	ND	H	1.0	0.12	ug/L			08/06/19 13:39	2
4-Chlorotoluene	ND	H	1.0	0.18	ug/L			08/06/19 13:39	2
cis-1,2-Dichloroethene	**59**	**H**	1.0	0.22	ug/L			08/06/19 13:39	2
cis-1,3-Dichloropropene	ND	H	1.0	0.19	ug/L			08/06/19 13:39	2
Dibromochloromethane	ND	H	1.0	0.13	ug/L			08/06/19 13:39	2
1,2-Dibromo-3-Chloropropane	ND	H	10	1.0	ug/L			08/06/19 13:39	2
1,2-Dibromoethane	ND	H	1.0	0.12	ug/L			08/06/19 13:39	2
Dibromomethane	ND	H	1.0	0.25	ug/L			08/06/19 13:39	2
1,2-Dichlorobenzene	ND	H	1.0	0.16	ug/L			08/06/19 13:39	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DUP-2
Date Collected: 07/19/19 10:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-19
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND	H	1.0	0.20	ug/L			08/06/19 13:39	2
1,4-Dichlorobenzene	ND	H	1.0	0.15	ug/L			08/06/19 13:39	2
Dichlorodifluoromethane	ND	H	2.0	0.20	ug/L			08/06/19 13:39	2
1,1-Dichloroethane	**17**	**H**	1.0	0.12	ug/L			08/06/19 13:39	2
1,2-Dichloroethane	ND	H	1.0	0.15	ug/L			08/06/19 13:39	2
1,1-Dichloroethene	**1.6**	**H**	1.0	0.21	ug/L			08/06/19 13:39	2
1,2-Dichloropropane	ND	H	1.0	0.20	ug/L			08/06/19 13:39	2
1,3-Dichloropropane	ND	H	2.0	0.16	ug/L			08/06/19 13:39	2
2,2-Dichloropropane	ND	H	2.0	0.75	ug/L			08/06/19 13:39	2
1,1-Dichloropropene	ND	H	1.0	0.14	ug/L			08/06/19 13:39	2
Di-isopropyl ether (DIPE)	ND	H	1.0	0.14	ug/L			08/06/19 13:39	2
Ethanol	ND	H *	100	40	ug/L			08/06/19 13:39	2
Ethylbenzene	ND	H	1.0	0.17	ug/L			08/06/19 13:39	2
Ethyl-t-butyl ether (ETBE)	ND	H	1.0	0.17	ug/L			08/06/19 13:39	2
2-Hexanone	ND	H	20	1.0	ug/L			08/06/19 13:39	2
Isopropylbenzene	ND	H	1.0	0.15	ug/L			08/06/19 13:39	2
Methylene Chloride	ND	H	2.0	0.085	ug/L			08/06/19 13:39	2
4-Methyl-2-pentanone	ND	H	10	0.83	ug/L			08/06/19 13:39	2
Methyl-t-Butyl Ether (MTBE)	ND	H	1.0	0.13	ug/L			08/06/19 13:39	2
m,p-Xylene	ND	H	2.0	0.30	ug/L			08/06/19 13:39	2
Naphthalene	ND	H	2.0	0.19	ug/L			08/06/19 13:39	2
n-Butylbenzene	ND	H	1.0	0.22	ug/L			08/06/19 13:39	2
N-Propylbenzene	ND	H	1.0	0.15	ug/L			08/06/19 13:39	2
o-Xylene	ND	H	1.0	0.17	ug/L			08/06/19 13:39	2
p-Isopropyltoluene	ND	H	1.0	0.15	ug/L			08/06/19 13:39	2
sec-Butylbenzene	ND	H	1.0	0.19	ug/L			08/06/19 13:39	2
Styrene	ND	H	1.0	0.12	ug/L			08/06/19 13:39	2
Tert-amyl-methyl ether (TAME)	ND	H	1.0	0.20	ug/L			08/06/19 13:39	2
tert-Butyl alcohol (TBA)	ND	H	20	8.0	ug/L			08/06/19 13:39	2
tert-Butylbenzene	ND	H	1.0	0.16	ug/L			08/06/19 13:39	2
1,1,1,2-Tetrachloroethane	ND	H	1.0	0.14	ug/L			08/06/19 13:39	2
1,1,2,2-Tetrachloroethane	ND	H	1.0	0.17	ug/L			08/06/19 13:39	2
Tetrachloroethene	ND	H	1.0	0.48	ug/L			08/06/19 13:39	2
Toluene	ND	H	1.0	0.19	ug/L			08/06/19 13:39	2
trans-1,2-Dichloroethene	**3.0**	**H**	1.0	0.16	ug/L			08/06/19 13:39	2
trans-1,3-Dichloropropene	ND	H	1.0	0.11	ug/L			08/06/19 13:39	2
1,2,3-Trichlorobenzene	ND	H	1.0	0.24	ug/L			08/06/19 13:39	2
1,2,4-Trichlorobenzene	ND	H	1.0	0.18	ug/L			08/06/19 13:39	2
1,1,1-Trichloroethane	ND	H	1.0	0.17	ug/L			08/06/19 13:39	2
1,1,2-Trichloroethane	ND	H	1.0	0.14	ug/L			08/06/19 13:39	2
Trichloroethene	**1.3**	**H**	1.0	0.20	ug/L			08/06/19 13:39	2
Trichlorofluoromethane	ND	H	1.0	0.21	ug/L			08/06/19 13:39	2
1,2,3-Trichloropropane	ND	H	2.0	0.15	ug/L			08/06/19 13:39	2
1,2,4-Trimethylbenzene	ND	H	1.0	0.14	ug/L			08/06/19 13:39	2
1,3,5-Trimethylbenzene	ND	H	1.0	0.16	ug/L			08/06/19 13:39	2
Vinyl acetate	ND	H	10	1.4	ug/L			08/06/19 13:39	2
Vinyl chloride	**31**	**H**	1.0	0.16	ug/L			08/06/19 13:39	2
Hexachloro-1,3-butadiene	ND	H	4.0	1.2	ug/L			08/06/19 13:39	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		68 - 120		08/06/19 13:39	2
Dibromofluoromethane	113		80 - 127		08/06/19 13:39	2
1,2-Dichloroethane-d4 (Surr)	117		80 - 128		08/06/19 13:39	2
Toluene-d8 (Surr)	102		80 - 120		08/06/19 13:39	2

Client Sample ID: MW-37
Date Collected: 07/19/19 11:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-20
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 06:42	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 06:42	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 06:42	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 06:42	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 06:42	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 06:42	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 06:42	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 06:42	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 06:42	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 06:42	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 06:42	1
Chloroethane	**0.37**	**J**	0.50	0.12	ug/L			07/26/19 06:42	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 06:42	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 06:42	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 06:42	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 06:42	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 06:42	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 06:42	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 06:42	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 06:42	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 06:42	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 06:42	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 06:42	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 06:42	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 06:42	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 06:42	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 06:42	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 06:42	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 06:42	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 06:42	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 06:42	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 06:42	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 06:42	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 06:42	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 06:42	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 06:42	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 06:42	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 06:42	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 06:42	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 06:42	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 06:42	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 06:42	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 06:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-37
Date Collected: 07/19/19 11:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-20
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 06:42	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 06:42	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 06:42	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 06:42	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 06:42	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 06:42	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 06:42	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 06:42	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 06:42	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 06:42	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 06:42	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 06:42	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 06:42	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 06:42	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 06:42	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 06:42	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 06:42	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 06:42	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 06:42	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 06:42	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 06:42	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 06:42	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 06:42	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 06:42	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 06:42	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 06:42	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 06:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*07/26/19 06:42*	*1*
Dibromofluoromethane	*118*		*80 - 127*		*07/26/19 06:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 128*		*07/26/19 06:42*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*07/26/19 06:42*	*1*

Client Sample ID: EI-4A
Date Collected: 07/19/19 13:46
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-21
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 07:10	1
Benzene	**0.085**	**J**	0.50	0.072	ug/L			07/26/19 07:10	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 07:10	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 07:10	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 07:10	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 07:10	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 07:10	1
2-Butanone	**1.1**	**J**	5.0	0.46	ug/L			07/26/19 07:10	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 07:10	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 07:10	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 07:10	1
Chloroethane	**0.36**	**J**	0.50	0.12	ug/L			07/26/19 07:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EI-4A
Date Collected: 07/19/19 13:46
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-21
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50	0.062	ug/L			07/26/19 07:10	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 07:10	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 07:10	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 07:10	1
cis-1,2-Dichloroethene	**18**		0.50	0.11	ug/L			07/26/19 07:10	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 07:10	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 07:10	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 07:10	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 07:10	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 07:10	1
1,2-Dichlorobenzene	**0.35**	**J**	0.50	0.082	ug/L			07/26/19 07:10	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 07:10	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 07:10	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 07:10	1
1,1-Dichloroethane	**1.8**		0.50	0.060	ug/L			07/26/19 07:10	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 07:10	1
1,1-Dichloroethene	**1.7**		0.50	0.10	ug/L			07/26/19 07:10	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 07:10	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 07:10	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 07:10	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 07:10	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 07:10	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 07:10	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 07:10	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 07:10	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 07:10	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 07:10	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 07:10	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 07:10	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 07:10	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 07:10	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 07:10	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 07:10	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 07:10	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 07:10	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 07:10	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 07:10	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 07:10	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 07:10	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 07:10	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 07:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 07:10	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 07:10	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 07:10	1
trans-1,2-Dichloroethene	**1.2**		0.50	0.082	ug/L			07/26/19 07:10	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 07:10	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 07:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 07:10	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 07:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EI-4A
Date Collected: 07/19/19 13:46
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-21
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 07:10	1
Trichloroethene	**0.76**		0.50	0.10	ug/L			07/26/19 07:10	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 07:10	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 07:10	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 07:10	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 07:10	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 07:10	1
Vinyl chloride	**4.5**		0.50	0.078	ug/L			07/26/19 07:10	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 07:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*07/26/19 07:10*	*1*
Dibromofluoromethane	*117*		*80 - 127*		*07/26/19 07:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*		*07/26/19 07:10*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/26/19 07:10*	*1*

Client Sample ID: KSRO-2
Date Collected: 07/19/19 07:40
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 00:58	1
Benzene	**0.095**	**J**	0.50	0.072	ug/L			07/26/19 00:58	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 00:58	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 00:58	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 00:58	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 00:58	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 00:58	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 00:58	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 00:58	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 00:58	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 00:58	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 00:58	1
Chloroform	**0.17**	**J**	0.50	0.062	ug/L			07/26/19 00:58	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 00:58	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 00:58	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 00:58	1
cis-1,2-Dichloroethene	**57**		5.0	1.1	ug/L			07/27/19 01:34	10
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 00:58	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 00:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 00:58	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 00:58	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 00:58	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 00:58	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 00:58	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 00:58	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 00:58	1
1,1-Dichloroethane	**0.82**		0.50	0.060	ug/L			07/26/19 00:58	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 00:58	1
1,1-Dichloroethene	**6.8**		0.50	0.10	ug/L			07/26/19 00:58	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 00:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: KSRO-2
Date Collected: 07/19/19 07:40
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 00:58	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 00:58	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 00:58	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 00:58	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 00:58	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 00:58	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 00:58	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 00:58	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 00:58	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 00:58	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 00:58	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 00:58	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 00:58	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 00:58	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 00:58	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 00:58	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 00:58	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 00:58	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 00:58	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 00:58	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 00:58	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 00:58	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 00:58	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 00:58	1
Tetrachloroethene	**13**		0.50	0.24	ug/L			07/26/19 00:58	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 00:58	1
trans-1,2-Dichloroethene	**7.9**		0.50	0.082	ug/L			07/26/19 00:58	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 00:58	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 00:58	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 00:58	1
1,1,1-Trichloroethane	**2.6**		0.50	0.084	ug/L			07/26/19 00:58	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 00:58	1
Trichloroethene	**220**		5.0	1.0	ug/L			07/27/19 01:34	10
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 00:58	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 00:58	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 00:58	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 00:58	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 00:58	1
Vinyl chloride	**0.30**	**J**	0.50	0.078	ug/L			07/26/19 00:58	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*07/26/19 00:58*	*1*
4-Bromofluorobenzene (Surr)	*85*		*68 - 120*		*07/27/19 01:34*	*10*
Dibromofluoromethane	*101*		*80 - 127*		*07/26/19 00:58*	*1*
Dibromofluoromethane	*107*		*80 - 127*		*07/27/19 01:34*	*10*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*		*07/26/19 00:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*80 - 128*		*07/27/19 01:34*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/26/19 00:58*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/27/19 01:34*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: KSRO-1
Date Collected: 07/19/19 08:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-23
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 01:23	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 01:23	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 01:23	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 01:23	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 01:23	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 01:23	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 01:23	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 01:23	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 01:23	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 01:23	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 01:23	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 01:23	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 01:23	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 01:23	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 01:23	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 01:23	1
cis-1,2-Dichloroethene	**46**		2.5	0.54	ug/L			07/27/19 02:25	5
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 01:23	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 01:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 01:23	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 01:23	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 01:23	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 01:23	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 01:23	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 01:23	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 01:23	1
1,1-Dichloroethane	**0.79**		0.50	0.060	ug/L			07/26/19 01:23	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 01:23	1
1,1-Dichloroethene	**1.3**		0.50	0.10	ug/L			07/26/19 01:23	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 01:23	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 01:23	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 01:23	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 01:23	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 01:23	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 01:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 01:23	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 01:23	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 01:23	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 01:23	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 01:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 01:23	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 01:23	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 01:23	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 01:23	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 01:23	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 01:23	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 01:23	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 01:23	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 01:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: KSRO-1
Date Collected: 07/19/19 08:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-23
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 01:23	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 01:23	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 01:23	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 01:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 01:23	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 01:23	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 01:23	1
trans-1,2-Dichloroethene	**1.7**		0.50	0.082	ug/L			07/26/19 01:23	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 01:23	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 01:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 01:23	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 01:23	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 01:23	1
Trichloroethene	**25**		0.50	0.10	ug/L			07/26/19 01:23	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 01:23	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 01:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 01:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 01:23	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 01:23	1
Vinyl chloride	**0.15**	**J**	0.50	0.078	ug/L			07/26/19 01:23	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*68 - 120*		*07/26/19 01:23*	*1*
4-Bromofluorobenzene (Surr)	*85*		*68 - 120*		*07/27/19 02:25*	*5*
Dibromofluoromethane	*105*		*80 - 127*		*07/26/19 01:23*	*1*
Dibromofluoromethane	*107*		*80 - 127*		*07/27/19 02:25*	*5*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*07/26/19 01:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 128*		*07/27/19 02:25*	*5*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/26/19 01:23*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/27/19 02:25*	*5*

Client Sample ID: M-39
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-24
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 01:49	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 01:49	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 01:49	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 01:49	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 01:49	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 01:49	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 01:49	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 01:49	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 01:49	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 01:49	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 01:49	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 01:49	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 01:49	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 01:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-39
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-24
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 01:49	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 01:49	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 19:57	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 01:49	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 01:49	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 01:49	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 01:49	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 01:49	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 01:49	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 01:49	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 01:49	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 01:49	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 01:49	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 01:49	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 01:49	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 01:49	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 01:49	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 01:49	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 01:49	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 01:49	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 01:49	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 01:49	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 01:49	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 01:49	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 01:49	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 01:49	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 01:49	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 01:49	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 01:49	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 01:49	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 01:49	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 01:49	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 01:49	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 01:49	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 01:49	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 01:49	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 01:49	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 01:49	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 01:49	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 01:49	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 01:49	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 01:49	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 01:49	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 01:49	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 01:49	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 01:49	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 01:49	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 01:49	1
Trichloroethene	**0.11**	**J**	0.50	0.10	ug/L			07/26/19 19:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-39
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-24
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 01:49	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 01:49	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 01:49	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 01:49	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 01:49	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 01:49	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*68 - 120*		*07/26/19 01:49*	*1*
4-Bromofluorobenzene (Surr)	*85*		*68 - 120*		*07/26/19 19:57*	*1*
Dibromofluoromethane	*103*		*80 - 127*		*07/26/19 01:49*	*1*
Dibromofluoromethane	*104*		*80 - 127*		*07/26/19 19:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 128*		*07/26/19 01:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 128*		*07/26/19 19:57*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/26/19 01:49*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/26/19 19:57*	*1*

Client Sample ID: I-8
Date Collected: 07/19/19 10:15
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 02:14	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 02:14	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 02:14	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 02:14	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 02:14	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 02:14	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 02:14	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 02:14	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 02:14	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 02:14	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 02:14	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 02:14	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 02:14	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 02:14	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 02:14	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 02:14	1
cis-1,2-Dichloroethene	**6.5**		0.50	0.11	ug/L			07/26/19 02:14	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 02:14	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 02:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 02:14	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 02:14	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 02:14	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 02:14	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 02:14	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 02:14	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 02:14	1
1,1-Dichloroethane	**0.16**	**J**	0.50	0.060	ug/L			07/26/19 02:14	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 02:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-8
Date Collected: 07/19/19 10:15
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.65**		0.50	0.10	ug/L			07/26/19 02:14	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 02:14	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 02:14	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 02:14	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 02:14	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 02:14	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 02:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 02:14	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 02:14	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 02:14	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 02:14	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 02:14	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 02:14	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 02:14	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 02:14	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 02:14	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 02:14	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 02:14	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 02:14	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 02:14	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 02:14	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 02:14	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 02:14	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 02:14	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 02:14	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 02:14	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 02:14	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 02:14	1
trans-1,2-Dichloroethene	**0.36**	**J**	0.50	0.082	ug/L			07/26/19 02:14	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 02:14	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 02:14	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 02:14	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 02:14	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 02:14	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 02:14	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 02:14	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 02:14	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 02:14	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 02:14	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 02:14	1
Vinyl chloride	**0.99**		0.50	0.078	ug/L			07/26/19 02:14	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*68 - 120*		*07/26/19 02:14*	*1*
Dibromofluoromethane	*103*		*80 - 127*		*07/26/19 02:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 128*		*07/26/19 02:14*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/26/19 02:14*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: M-38
Date Collected: 07/19/19 11:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.5**	**J**	10	4.0	ug/L			07/26/19 02:40	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 02:40	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 02:40	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 02:40	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 02:40	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 02:40	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 02:40	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 02:40	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 02:40	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 02:40	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 02:40	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 02:40	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 02:40	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 02:40	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 02:40	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 02:40	1
cis-1,2-Dichloroethene	**1.9**		0.50	0.11	ug/L			07/26/19 02:40	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 02:40	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 02:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 02:40	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 02:40	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 02:40	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 02:40	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 02:40	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 02:40	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 02:40	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 02:40	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 02:40	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 02:40	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 02:40	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 02:40	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 02:40	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 02:40	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 02:40	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 02:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 02:40	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 02:40	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 02:40	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 02:40	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 02:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 02:40	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 02:40	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 02:40	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 02:40	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 02:40	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 02:40	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 02:40	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 02:40	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 02:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-38
Date Collected: 07/19/19 11:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 02:40	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 02:40	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 02:40	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 02:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 02:40	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 02:40	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 02:40	1
trans-1,2-Dichloroethene	**0.086**	**J**	0.50	0.082	ug/L			07/26/19 02:40	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 02:40	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 02:40	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 02:40	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 02:40	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 02:40	1
Trichloroethene	**0.26**	**J**	0.50	0.10	ug/L			07/26/19 02:40	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 02:40	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 02:40	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 02:40	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 02:40	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 02:40	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 02:40	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*07/26/19 02:40*	*1*
4-Bromofluorobenzene (Surr)	*86*		*68 - 120*		*07/27/19 00:43*	*2*
Dibromofluoromethane	*105*		*80 - 127*		*07/26/19 02:40*	*1*
Dibromofluoromethane	*105*		*80 - 127*		*07/27/19 00:43*	*2*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 128*		*07/26/19 02:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 128*		*07/27/19 00:43*	*2*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/26/19 02:40*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/27/19 00:43*	*2*

Client Sample ID: M-25
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-27
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 03:06	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 03:06	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 03:06	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 03:06	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 03:06	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 03:06	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 03:06	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 03:06	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 03:06	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 03:06	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 03:06	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 03:06	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 03:06	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 03:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-25
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-27
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 03:06	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 03:06	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 03:06	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 03:06	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 03:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 03:06	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 03:06	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 03:06	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 03:06	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 03:06	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 03:06	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 03:06	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 03:06	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 03:06	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 03:06	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 03:06	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 03:06	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 03:06	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 03:06	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 03:06	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 03:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 03:06	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 03:06	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 03:06	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 03:06	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 03:06	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 03:06	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 03:06	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 03:06	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 03:06	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 03:06	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 03:06	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 03:06	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 03:06	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 03:06	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 03:06	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 03:06	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 03:06	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 03:06	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 03:06	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 03:06	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 03:06	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 03:06	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 03:06	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 03:06	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 03:06	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 03:06	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 03:06	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 03:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-25
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-27
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 03:06	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 03:06	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 03:06	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 03:06	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 03:06	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 03:06	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*68 - 120*		*07/26/19 03:06*	*1*
Dibromofluoromethane	*104*		*80 - 127*		*07/26/19 03:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*80 - 128*		*07/26/19 03:06*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/26/19 03:06*	*1*

Method: 8260C_SIM - 1,4-Dioxane by SIM

Client Sample ID: SZO-1
Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1100		25	8.8	ug/L			07/30/19 19:51	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*101*		*67 - 133*		*07/30/19 19:51*	*25*

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	970		10	3.5	ug/L			07/30/19 14:58	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*99*		*67 - 133*		*07/30/19 14:58*	*10*

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	15		2.0	0.71	ug/L			07/30/19 15:28	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*107*		*67 - 133*		*07/30/19 15:28*	*2*

Client Sample ID: I-9
Date Collected: 07/19/19 10:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.55	J	1.0	0.35	ug/L			07/30/19 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*96*		*67 - 133*		*07/30/19 15:57*	*1*

Client Sample ID: EI-1
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	85		2.0	0.71	ug/L			07/30/19 16:26	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*95*		*67 - 133*		*07/30/19 16:26*	*2*

Client Sample ID: I-10
Date Collected: 07/19/19 08:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/30/19 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*103*		*67 - 133*		*07/30/19 17:25*	*1*

Method: 8260C_SIM - 1,4-Dioxane by SIM

Client Sample ID: I-1
Date Collected: 07/19/19 07:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**12**		1.0	0.35	ug/L			07/30/19 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*79*		*67 - 133*		*07/30/19 17:54*	*1*

Client Sample ID: M-45
Date Collected: 07/19/19 07:18
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/30/19 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*97*		*67 - 133*		*07/30/19 18:23*	*1*

Client Sample ID: I-20
Date Collected: 07/19/19 08:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.8**		1.0	0.35	ug/L			07/30/19 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*96*		*67 - 133*		*07/30/19 18:53*	*1*

Client Sample ID: M-33
Date Collected: 07/19/19 10:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.38**	**J**	1.0	0.35	ug/L			07/30/19 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*98*		*67 - 133*		*07/30/19 19:22*	*1*

Client Sample ID: ES-4B
Date Collected: 07/19/19 11:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.36**	**J**	1.0	0.35	ug/L			07/30/19 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*90*		*67 - 133*		*07/30/19 23:45*	*1*

Client Sample ID: ES-5A
Date Collected: 07/19/19 12:58
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/31/19 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*90*		*67 - 133*		*07/31/19 00:14*	*1*

Method: 8260C_SIM - 1,4-Dioxane by SIM

Client Sample ID: IT-5
Date Collected: 07/19/19 14:47
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.6		1.0	0.35	ug/L			07/31/19 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*91*		*67 - 133*		*07/31/19 00:43*	*1*

Client Sample ID: I-6
Date Collected: 07/19/19 07:23
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	7.7		1.0	0.35	ug/L			07/31/19 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*93*		*67 - 133*		*07/31/19 01:12*	*1*

Client Sample ID: EI-3
Date Collected: 07/19/19 08:26
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	8.4		1.0	0.35	ug/L			07/31/19 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*90*		*67 - 133*		*07/31/19 01:41*	*1*

Client Sample ID: M-40
Date Collected: 07/19/19 09:28
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.53	J	1.0	0.35	ug/L			07/31/19 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*89*		*67 - 133*		*07/31/19 02:11*	*1*

Client Sample ID: EI-2
Date Collected: 07/19/19 10:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	12		1.0	0.35	ug/L			07/31/19 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*95*		*67 - 133*		*07/31/19 02:40*	*1*

Client Sample ID: MW-37
Date Collected: 07/19/19 11:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-20
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.68	J	1.0	0.35	ug/L			07/31/19 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*93*		*67 - 133*		*07/31/19 03:09*	*1*

Method: 8260C_SIM - 1,4-Dioxane by SIM

Client Sample ID: EI-4A
Date Collected: 07/19/19 13:46
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-21
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**		1.0	0.35	ug/L			07/31/19 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*92*		*67 - 133*		*07/31/19 03:38*	*1*

Client Sample ID: KSRO-2
Date Collected: 07/19/19 07:40
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/31/19 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*71*		*67 - 133*		*07/31/19 04:07*	*1*

Client Sample ID: KSRO-1
Date Collected: 07/19/19 08:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-23
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/31/19 04:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*88*		*67 - 133*		*07/31/19 04:37*	*1*

Client Sample ID: M-39
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-24
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/31/19 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*93*		*67 - 133*		*07/31/19 05:06*	*1*

Client Sample ID: I-8
Date Collected: 07/19/19 10:15
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.38**	**J**	1.0	0.35	ug/L			07/31/19 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*95*		*67 - 133*		*07/31/19 05:35*	*1*

Client Sample ID: M-38
Date Collected: 07/19/19 11:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/31/19 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*98*		*67 - 133*		*07/31/19 06:04*	*1*

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method: 8260C_SIM - 1,4-Dioxane by SIM

Client Sample ID: M-25
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-27
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/31/19 06:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*97*		*67 - 133*		*07/31/19 06:33*	*1*

Method: RSK-175 - Dissolved Gases in Water

Client Sample ID: SZO-1
Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**0.036**	**J**	1.0	0.033	ug/L			07/20/19 10:47	1
Ethylene	**2.5**		1.0	0.051	ug/L			07/20/19 10:47	1

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**0.35**	**J**	1.0	0.033	ug/L			07/20/19 11:35	1
Ethylene	**7.7**		1.0	0.051	ug/L			07/20/19 11:35	1

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**0.33**	**J**	1.0	0.033	ug/L			07/20/19 12:25	1
Ethylene	**52**		1.0	0.051	ug/L			07/20/19 12:25	1

Client Sample ID: I-9
Date Collected: 07/19/19 10:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 13:11	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 13:11	1
Methane	**0.058**	**J**	1.0	0.0080	ug/L			07/20/19 13:11	1

Client Sample ID: EI-1
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 13:38	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 13:38	1
Methane	**0.68**	**J**	1.0	0.0080	ug/L			07/20/19 13:38	1

Client Sample ID: I-10
Date Collected: 07/19/19 08:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 14:01	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 14:01	1
Methane	**11**		1.0	0.0080	ug/L			07/20/19 14:01	1

Client Sample ID: I-1
Date Collected: 07/19/19 07:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 14:24	1
Ethylene	**0.068**	**J**	1.0	0.051	ug/L			07/20/19 14:24	1
Methane	**0.88**	**J**	1.0	0.0080	ug/L			07/20/19 14:24	1

Method: RSK-175 - Dissolved Gases in Water

Client Sample ID: M-45
Date Collected: 07/19/19 07:18
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 14:51	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 14:51	1
Methane	**0.027**	**J**	1.0	0.0080	ug/L			07/20/19 14:51	1

Client Sample ID: I-20
Date Collected: 07/19/19 08:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**0.11**	**J**	1.0	0.033	ug/L			07/20/19 15:14	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 15:14	1
Methane	**0.99**	**J**	1.0	0.0080	ug/L			07/20/19 15:14	1

Client Sample ID: M-33
Date Collected: 07/19/19 10:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 15:43	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 15:43	1
Methane	**0.17**	**J**	1.0	0.0080	ug/L			07/20/19 15:43	1

Client Sample ID: ES-4B
Date Collected: 07/19/19 11:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 16:11	1
Ethylene	**0.15**	**J**	1.0	0.051	ug/L			07/20/19 16:11	1
Methane	**50**		1.0	0.0080	ug/L			07/20/19 16:11	1

Client Sample ID: ES-5A
Date Collected: 07/19/19 12:58
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**0.041**	**J**	1.0	0.033	ug/L			07/20/19 16:35	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 16:35	1
Methane	**2.0**		1.0	0.0080	ug/L			07/20/19 16:35	1

Client Sample ID: IT-5
Date Collected: 07/19/19 14:47
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 12:46	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 12:46	1
Methane	**0.34**	**J**	1.0	0.0080	ug/L			07/22/19 12:46	1

Client Sample ID: I-6
Date Collected: 07/19/19 07:23
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 13:16	1
Ethylene	**0.51**	**J**	1.0	0.051	ug/L			07/22/19 13:16	1
Methane	**6.2**		1.0	0.0080	ug/L			07/22/19 13:16	1

Method: RSK-175 - Dissolved Gases in Water

Client Sample ID: EI-3
Date Collected: 07/19/19 08:26
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 13:43	1
Ethylene	**0.18**	**J**	1.0	0.051	ug/L			07/22/19 13:43	1
Methane	**4.4**		1.0	0.0080	ug/L			07/22/19 13:43	1

Client Sample ID: M-40
Date Collected: 07/19/19 09:28
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 14:06	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 14:06	1
Methane	**0.58**	**J**	1.0	0.0080	ug/L			07/22/19 14:06	1

Client Sample ID: EI-2
Date Collected: 07/19/19 10:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 14:29	1
Ethylene	**0.43**	**J**	1.0	0.051	ug/L			07/22/19 14:29	1
Methane	**7.6**		1.0	0.0080	ug/L			07/22/19 14:29	1

Client Sample ID: MW-37
Date Collected: 07/19/19 11:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-20
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 14:55	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 14:55	1
Methane	**1.2**		1.0	0.0080	ug/L			07/22/19 14:55	1

Client Sample ID: EI-4A
Date Collected: 07/19/19 13:46
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-21
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 15:18	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 15:18	1
Methane	**0.44**	**J**	1.0	0.0080	ug/L			07/22/19 15:18	1

Client Sample ID: KSRO-2
Date Collected: 07/19/19 07:40
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 15:42	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 15:42	1
Methane	**15**		1.0	0.0080	ug/L			07/22/19 15:42	1

Client Sample ID: KSRO-1
Date Collected: 07/19/19 08:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-23
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 16:04	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 16:04	1
Methane	**1.7**		1.0	0.0080	ug/L			07/22/19 16:04	1

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method: RSK-175 - Dissolved Gases in Water

Client Sample ID: M-39
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-24
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 16:28	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 16:28	1
Methane	**1.8**		1.0	0.0080	ug/L			07/22/19 16:28	1

Client Sample ID: I-8
Date Collected: 07/19/19 10:15
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 16:52	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 16:52	1
Methane	**2.6**		1.0	0.0080	ug/L			07/22/19 16:52	1

Client Sample ID: M-38
Date Collected: 07/19/19 11:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 17:14	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 17:14	1
Methane	**0.18**	**J**	1.0	0.0080	ug/L			07/22/19 17:14	1

Client Sample ID: M-25
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-27
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 17:37	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 17:37	1
Methane	**0.12**	**J**	1.0	0.0080	ug/L			07/22/19 17:37	1

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method: RSK-175 - Dissolved Gases in Water - DL

Client Sample ID: SZO-1
Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	2500		4.0	0.032	ug/L			07/20/19 11:10	4

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	2200		4.0	0.032	ug/L			07/20/19 11:59	4

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	3000		8.0	0.064	ug/L			07/20/19 12:47	8

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: SZO-1
Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	710		20	9.7	mg/L			07/23/19 01:50	20
Nitrate as N	ND		0.20	0.089	mg/L			07/20/19 14:19	2
Sulfate	1.9	J	2.0	0.98	mg/L			07/20/19 14:19	2

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		40	19	mg/L			07/23/19 02:09	40
Nitrate as N	ND		0.20	0.089	mg/L			07/20/19 14:38	2
Sulfate	750		40	20	mg/L			07/23/19 02:09	40

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35		2.0	0.97	mg/L			07/20/19 14:57	2
Nitrate as N	ND		0.20	0.089	mg/L			07/20/19 14:57	2
Sulfate	1.5	J	2.0	0.98	mg/L			07/20/19 14:57	2

Client Sample ID: I-1
Date Collected: 07/19/19 07:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		10	4.9	mg/L			07/23/19 02:28	10
Nitrate as N	ND		0.10	0.045	mg/L			07/20/19 15:16	1
Sulfate	370		10	4.9	mg/L			07/23/19 02:28	10

Method: VFA - HPLC - Volatile Fatty Acids (HPLC/UV)

Client Sample ID: SZO-1
Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	**1100**		200	61	mg/L			07/31/19 03:39	50
Butyric acid	**1600**		200	61	mg/L			07/31/19 03:39	50
Lactic acid	ND		4.0	0.89	mg/L			07/23/19 22:10	1
Propionic acid	**99**		20	4.2	mg/L			07/31/19 03:16	5
Pyruvic Acid	ND	F1	0.50	0.064	mg/L			07/23/19 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromopropanoic acid	*110*		*74 - 122*		*07/23/19 22:10*	*1*
Dibromopropanoic acid	*97*		*74 - 122*		*07/31/19 03:16*	*5*
Dibromopropanoic acid	*99*		*74 - 122*		*07/31/19 03:39*	*50*

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	ND		8.0	2.4	mg/L			07/23/19 22:56	2
Butyric acid	ND		8.0	2.4	mg/L			07/23/19 22:56	2
Lactic acid	ND		8.0	1.8	mg/L			07/23/19 22:56	2
Propionic acid	ND		8.0	1.7	mg/L			07/23/19 22:56	2
Pyruvic Acid	ND		1.0	0.13	mg/L			07/23/19 22:56	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromopropanoic acid	*149*	*X*	*74 - 122*		*07/23/19 22:56*	*2*

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	ND		20	6.1	mg/L			07/31/19 04:01	5
Butyric acid	ND		20	6.1	mg/L			07/31/19 04:01	5
Lactic acid	ND		4.0	0.89	mg/L			07/23/19 22:33	1
Propionic acid	**7.6**		4.0	0.83	mg/L			07/23/19 22:33	1
Pyruvic Acid	ND		0.50	0.064	mg/L			07/23/19 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromopropanoic acid	*108*		*74 - 122*		*07/23/19 22:33*	*1*
Dibromopropanoic acid	*107*		*74 - 122*		*07/31/19 04:01*	*5*
Dibromopropanoic acid	*97*		*74 - 122*		*08/02/19 20:22*	*5*

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method: 6010B - Metals (ICP)

Client Sample ID: SZO-1
Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	75.2		0.500	0.123	mg/L		07/28/19 08:00	08/04/19 21:02	1

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	2.23		0.500	0.123	mg/L		07/28/19 08:00	08/04/19 21:08	1

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.271	J	0.500	0.123	mg/L		07/28/19 08:00	08/04/19 21:10	1

Client Sample ID: I-1
Date Collected: 07/19/19 07:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	4.23		0.500	0.123	mg/L		07/28/19 08:00	08/04/19 21:12	1

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: SZO-1
Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**68.4**		0.500	0.123	mg/L		07/28/19 10:00	08/02/19 15:08	1
Manganese	**3.35**	**B**	0.0500	0.00405	mg/L		07/28/19 10:00	08/02/19 15:08	1

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.268**	**J**	0.500	0.123	mg/L		07/28/19 10:00	08/02/19 15:19	1
Manganese	**1.77**	**B**	0.0500	0.00405	mg/L		07/28/19 10:00	08/02/19 15:19	1

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.500	0.123	mg/L		07/28/19 10:00	08/02/19 15:21	1
Manganese	**0.0845**	**B**	0.0500	0.00405	mg/L		07/28/19 10:00	08/02/19 15:21	1

Client Sample ID: I-1
Date Collected: 07/19/19 07:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.143**	**J**	0.500	0.123	mg/L		07/28/19 10:00	08/02/19 15:22	1
Manganese	**0.236**	**B**	0.0500	0.00405	mg/L		07/28/19 10:00	08/02/19 15:22	1

General Chemistry

Client Sample ID: SZO-1
Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	1020		5.00	1.69	mg/L			07/22/19 17:06	1
Total Dissolved Solids	1900	H	1.00	0.870	mg/L			07/30/19 13:00	1
Carbon, Total Organic	640		50.0	2.59	mg/L			07/21/19 03:51	100

Client Sample ID: SZO-2
Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	1320		5.00	1.69	mg/L			07/22/19 17:14	1
Total Dissolved Solids	4050	H	1.00	0.870	mg/L			07/30/19 13:00	1
Carbon, Total Organic	123		50.0	2.59	mg/L			07/21/19 04:12	100

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	427		5.00	1.69	mg/L			07/22/19 17:20	1
Total Dissolved Solids	580	H	1.00	0.870	mg/L			07/30/19 13:00	1
Carbon, Total Organic	6.12	B	2.50	0.129	mg/L			07/22/19 16:43	5

Client Sample ID: I-1
Date Collected: 07/19/19 07:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	147		5.00	1.69	mg/L			07/22/19 17:27	1
Total Dissolved Solids	500	H	1.00	0.870	mg/L			07/30/19 13:00	1
Carbon, Total Organic	1.54		0.500	0.0259	mg/L			07/21/19 04:54	1

Surrogate Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (68-120)	DBFM (80-127)	DCA (80-128)	TOL (80-120)
570-2371-1	SZO-1	97	111	107	103
570-2371-1	SZO-1	93	115	106	102
570-2371-2	SZO-2	95	114	108	102
570-2371-2	SZO-2	95	120	107	102
570-2371-3	SZT-1	98	114	106	102
570-2371-3	SZT-1	95	120	106	100
570-2371-4	I-9	96	113	109	102
570-2371-5	EI-1	94	113	108	104
570-2371-6	I-10	95	115	107	103
570-2371-7	I-1	94	111	107	103
570-2371-8	TB-2	92	116	106	101
570-2371-9	M-45	93	114	105	102
570-2371-10	I-20	93	112	103	102
570-2371-11	M-33	91	115	106	99
570-2371-12	ES-4B	92	116	104	100
570-2371-13	ES-5A	93	114	105	103
570-2371-14	IT-5	94	113	104	103
570-2371-15	I-6	90	114	104	102
570-2371-16	EI-3	94	113	104	105
570-2371-17	M-40	93	117	105	104
570-2371-18	EI-2	93	116	104	105
570-2371-19	DUP-2	85	113	117	102
570-2371-20	MW-37	95	118	110	106
570-2371-21	EI-4A	90	117	105	102
570-2371-22	KSRO-2	88	101	105	101
570-2371-22	KSRO-2	85	107	112	104
570-2371-23	KSRO-1	87	105	107	100
570-2371-23	KSRO-1	85	107	111	100
570-2371-24	M-39	87	103	109	101
570-2371-24	M-39	85	104	110	104
570-2371-25	I-8	87	103	110	99
570-2371-26	M-38	88	105	110	103
570-2371-26	M-38	86	105	110	100
570-2371-27	M-25	87	104	114	102
LCS 570-10351/3	Lab Control Sample	102	102	99	102
LCS 570-7687/4	Lab Control Sample	101	108	102	101
LCS 570-7799/4	Lab Control Sample	101	104	99	102
LCS 570-7842/3	Lab Control Sample	101	110	105	103
LCS 570-7992/6	Lab Control Sample	97	109	97	102
LCS 570-8078/4	Lab Control Sample	101	103	99	100
LCSD 570-10351/4	Lab Control Sample Dup	103	101	98	101
LCSD 570-7687/5	Lab Control Sample Dup	101	108	103	100
LCSD 570-7799/5	Lab Control Sample Dup	101	102	99	101
LCSD 570-7842/4	Lab Control Sample Dup	102	112	104	102
LCSD 570-7992/7	Lab Control Sample Dup	101	112	100	102
LCSD 570-8078/5	Lab Control Sample Dup	100	103	97	100
MB 570-10351/6	Method Blank	88	107	107	100
MB 570-7687/7	Method Blank	93	101	99	100
MB 570-7799/8	Method Blank	88	105	108	100

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(68-120)	(80-127)	(80-128)	(80-120)
MB 570-7842/6	Method Blank	95	109	108	102
MB 570-7992/9	Method Blank	94	111	103	101
MB 570-8078/8	Method Blank	86	104	110	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C_SIM - 1,4-Dioxane by SIM

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		14DCBTN
Lab Sample ID	Client Sample ID	(67-133)
570-2371-1	SZO-1	101
570-2371-2	SZO-2	99
570-2371-3	SZT-1	107
570-2371-4	I-9	96
570-2371-5	EI-1	95
570-2371-6	I-10	103
570-2371-7	I-1	79
570-2371-9	M-45	97
570-2371-10	I-20	96
570-2371-11	M-33	98
570-2371-12	ES-4B	90
570-2371-13	ES-5A	90
570-2371-14	IT-5	91
570-2371-15	I-6	93
570-2371-16	EI-3	90
570-2371-17	M-40	89
570-2371-18	EI-2	95
570-2371-20	MW-37	93
570-2371-21	EI-4A	92
570-2371-22	KSRO-2	71
570-2371-23	KSRO-1	88
570-2371-24	M-39	93
570-2371-25	I-8	95
570-2371-26	M-38	98
570-2371-27	M-25	97
LCS 570-8716/4	Lab Control Sample	101
LCS 570-8880/3	Lab Control Sample	99
LCSD 570-8716/5	Lab Control Sample Dup	91
LCSD 570-8880/4	Lab Control Sample Dup	104
MB 570-8716/7	Method Blank	101
MB 570-8880/6	Method Blank	99

Surrogate Legend

14DCBTN = 1,4-Dichlorobutane (Surr)

Surrogate Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method: VFA - HPLC - Volatile Fatty Acids (HPLC/UV)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	23DPA (74-122)
570-2371-1	SZO-1	110
570-2371-1	SZO-1	97
570-2371-1	SZO-1	99
570-2371-1 MS	SZO-1	108
570-2371-1 MSD	SZO-1	114
570-2371-2	SZO-2	149 X
570-2371-3	SZT-1	108
570-2371-3	SZT-1	107
570-2371-3	SZT-1	97
570-2677-A-1 MS	Matrix Spike	90
570-2677-A-1 MSD	Matrix Spike Duplicate	95
570-2783-K-1 MS	Matrix Spike	104
570-2783-K-1 MSD	Matrix Spike Duplicate	100
LCS 570-7271/25	Lab Control Sample	108
LCS 570-7271/4	Lab Control Sample	104
LCS 570-8906/40	Lab Control Sample	98
LCS 570-9781/4	Lab Control Sample	98
LCSD 570-8906/41	Lab Control Sample Dup	100
MB 570-7271/3	Method Blank	105
MB 570-8906/39	Method Blank	107
MB 570-9781/3	Method Blank	100

Surrogate Legend

23DPA = Dibromopropanoic acid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-10351/6
Matrix: Water
Analysis Batch: 10351

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/06/19 07:40	1
Benzene	ND		0.50	0.072	ug/L			08/06/19 07:40	1
Bromobenzene	ND		0.50	0.061	ug/L			08/06/19 07:40	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/06/19 07:40	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/06/19 07:40	1
Bromoform	ND		0.50	0.096	ug/L			08/06/19 07:40	1
Bromomethane	ND		2.0	0.99	ug/L			08/06/19 07:40	1
2-Butanone	ND		5.0	0.46	ug/L			08/06/19 07:40	1
Carbon disulfide	ND		10	0.39	ug/L			08/06/19 07:40	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/06/19 07:40	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/06/19 07:40	1
Chloroethane	ND		0.50	0.12	ug/L			08/06/19 07:40	1
Chloroform	ND		0.50	0.062	ug/L			08/06/19 07:40	1
Chloromethane	ND		5.0	2.0	ug/L			08/06/19 07:40	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/06/19 07:40	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/06/19 07:40	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/06/19 07:40	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/06/19 07:40	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/06/19 07:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/06/19 07:40	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/06/19 07:40	1
Dibromomethane	ND		0.50	0.13	ug/L			08/06/19 07:40	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/06/19 07:40	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/06/19 07:40	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/06/19 07:40	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/06/19 07:40	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/06/19 07:40	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/06/19 07:40	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/06/19 07:40	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/06/19 07:40	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/06/19 07:40	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/06/19 07:40	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/06/19 07:40	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/06/19 07:40	1
Ethanol	ND		50	20	ug/L			08/06/19 07:40	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/06/19 07:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/06/19 07:40	1
2-Hexanone	ND		10	0.50	ug/L			08/06/19 07:40	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/06/19 07:40	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/06/19 07:40	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/06/19 07:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/06/19 07:40	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/06/19 07:40	1
Naphthalene	ND		1.0	0.097	ug/L			08/06/19 07:40	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/06/19 07:40	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/06/19 07:40	1
o-Xylene	ND		0.50	0.086	ug/L			08/06/19 07:40	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/06/19 07:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-10351/6
Matrix: Water
Analysis Batch: 10351

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/06/19 07:40	1
Styrene	ND		0.50	0.059	ug/L			08/06/19 07:40	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/06/19 07:40	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/06/19 07:40	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/06/19 07:40	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/06/19 07:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/06/19 07:40	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/06/19 07:40	1
Toluene	ND		0.50	0.093	ug/L			08/06/19 07:40	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/06/19 07:40	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/06/19 07:40	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/06/19 07:40	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/06/19 07:40	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/06/19 07:40	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/06/19 07:40	1
Trichloroethene	ND		0.50	0.10	ug/L			08/06/19 07:40	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/06/19 07:40	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/06/19 07:40	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/06/19 07:40	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/06/19 07:40	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/06/19 07:40	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/06/19 07:40	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			08/06/19 07:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*08/06/19 07:40*	*1*
Dibromofluoromethane	*107*		*80 - 127*		*08/06/19 07:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*08/06/19 07:40*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/06/19 07:40*	*1*

Lab Sample ID: LCS 570-10351/3
Matrix: Water
Analysis Batch: 10351

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	10.33		ug/L		103	50 - 150
Benzene	10.0	10.84		ug/L		108	80 - 120
Bromobenzene	10.0	11.06		ug/L		111	80 - 120
Bromochloromethane	10.0	10.26		ug/L		103	75 - 123
Bromodichloromethane	10.0	10.92		ug/L		109	80 - 121
Bromoform	10.0	9.835		ug/L		98	74 - 140
Bromomethane	10.0	9.369		ug/L		94	50 - 150
2-Butanone	10.0	9.292		ug/L		93	55 - 187
Carbon disulfide	10.0	10.57		ug/L		106	64 - 130
Carbon tetrachloride	10.0	10.48		ug/L		105	80 - 129
Chlorobenzene	10.0	10.79		ug/L		108	80 - 120
Chloroethane	10.0	12.00		ug/L		120	72 - 126
Chloroform	10.0	10.74		ug/L		107	76 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-10351/3
Matrix: Water
Analysis Batch: 10351

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	10.54		ug/L		105	53 - 143
2-Chlorotoluene	10.0	10.89		ug/L		109	80 - 124
4-Chlorotoluene	10.0	10.69		ug/L		107	80 - 122
cis-1,2-Dichloroethene	10.0	10.67		ug/L		107	75 - 123
cis-1,3-Dichloropropene	10.0	10.16		ug/L		102	80 - 122
Dibromochloromethane	10.0	10.64		ug/L		106	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	9.764		ug/L		98	80 - 124
1,2-Dibromoethane	10.0	10.82		ug/L		108	80 - 120
Dibromomethane	10.0	10.88		ug/L		109	80 - 122
1,2-Dichlorobenzene	10.0	10.82		ug/L		108	80 - 120
1,3-Dichlorobenzene	10.0	10.77		ug/L		108	80 - 122
1,4-Dichlorobenzene	10.0	10.06		ug/L		101	80 - 120
Dichlorodifluoromethane	10.0	9.649		ug/L		96	50 - 150
1,1-Dichloroethane	10.0	10.54		ug/L		105	71 - 120
1,2-Dichloroethane	10.0	10.56		ug/L		106	80 - 122
1,1-Dichloroethene	10.0	10.77		ug/L		108	77 - 120
1,2-Dichloropropane	10.0	10.73		ug/L		107	80 - 120
1,3-Dichloropropane	10.0	10.61		ug/L		106	80 - 120
2,2-Dichloropropane	10.0	8.131		ug/L		81	64 - 154
1,1-Dichloropropene	10.0	10.47		ug/L		105	78 - 126
Di-isopropyl ether (DIPE)	10.0	10.26		ug/L		103	73 - 121
Ethanol	100	132.2		ug/L		132	73 - 133
Ethylbenzene	10.0	11.12		ug/L		111	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	10.15		ug/L		101	76 - 124
2-Hexanone	10.0	8.690	J	ug/L		87	67 - 151
Isopropylbenzene	10.0	11.34		ug/L		113	80 - 124
Methylene Chloride	10.0	10.41		ug/L		104	77 - 120
4-Methyl-2-pentanone	10.0	9.254		ug/L		93	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	10.05		ug/L		100	75 - 123
m,p-Xylene	20.0	22.93		ug/L		115	80 - 120
Naphthalene	10.0	10.42		ug/L		104	73 - 139
n-Butylbenzene	10.0	10.55		ug/L		106	80 - 126
N-Propylbenzene	10.0	11.43		ug/L		114	79 - 127
o-Xylene	10.0	11.45		ug/L		114	80 - 120
p-Isopropyltoluene	10.0	10.55		ug/L		105	80 - 120
sec-Butylbenzene	10.0	10.73		ug/L		107	79 - 127
Styrene	10.0	11.55		ug/L		116	80 - 120
Tert-amyl-methyl ether (TAME)	10.0	10.04		ug/L		100	80 - 120
tert-Butyl alcohol (TBA)	50.0	50.90		ug/L		102	80 - 120
tert-Butylbenzene	10.0	10.87		ug/L		109	80 - 125
1,1,1,2-Tetrachloroethane	10.0	10.82		ug/L		108	80 - 122
1,1,2,2-Tetrachloroethane	10.0	9.854		ug/L		99	80 - 121
Tetrachloroethene	10.0	10.59		ug/L		106	79 - 121
Toluene	10.0	10.86		ug/L		109	80 - 120
trans-1,2-Dichloroethene	10.0	10.54		ug/L		105	77 - 125
trans-1,3-Dichloropropene	10.0	10.22		ug/L		102	80 - 120
1,2,3-Trichlorobenzene	10.0	10.87		ug/L		109	80 - 122
1,2,4-Trichlorobenzene	10.0	10.33		ug/L		103	80 - 122
1,1,1-Trichloroethane	10.0	10.66		ug/L		107	80 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-10351/3
Matrix: Water
Analysis Batch: 10351

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	10.54		ug/L		105	80 - 120
Trichloroethene	10.0	10.44		ug/L		104	80 - 120
Trichlorofluoromethane	10.0	10.92		ug/L		109	77 - 125
1,2,3-Trichloropropane	10.0	10.20		ug/L		102	76 - 120
1,2,4-Trimethylbenzene	10.0	11.07		ug/L		111	80 - 120
1,3,5-Trimethylbenzene	10.0	11.47		ug/L		115	80 - 122
Vinyl acetate	10.0	8.717		ug/L		87	74 - 128
Vinyl chloride	10.0	10.61		ug/L		106	63 - 135
Hexachloro-1,3-butadiene	10.0	9.935		ug/L		99	80 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*68 - 120*
Dibromofluoromethane	*102*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-10351/4
Matrix: Water
Analysis Batch: 10351

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10.0	10.33		ug/L		103	50 - 150	0	30
Benzene	10.0	10.46		ug/L		105	80 - 120	4	22
Bromobenzene	10.0	10.91		ug/L		109	80 - 120	1	22
Bromochloromethane	10.0	10.13		ug/L		101	75 - 123	1	27
Bromodichloromethane	10.0	10.43		ug/L		104	80 - 121	5	29
Bromoform	10.0	9.797		ug/L		98	74 - 140	0	30
Bromomethane	10.0	9.589		ug/L		96	50 - 150	2	30
2-Butanone	10.0	8.640		ug/L		86	55 - 187	7	30
Carbon disulfide	10.0	10.15		ug/L		102	64 - 130	4	34
Carbon tetrachloride	10.0	10.16		ug/L		102	80 - 129	3	36
Chlorobenzene	10.0	10.59		ug/L		106	80 - 120	2	29
Chloroethane	10.0	11.16		ug/L		112	72 - 126	7	30
Chloroform	10.0	10.34		ug/L		103	76 - 124	4	29
Chloromethane	10.0	10.53		ug/L		105	53 - 143	0	30
2-Chlorotoluene	10.0	10.57		ug/L		106	80 - 124	3	29
4-Chlorotoluene	10.0	10.38		ug/L		104	80 - 122	3	25
cis-1,2-Dichloroethene	10.0	10.42		ug/L		104	75 - 123	2	26
cis-1,3-Dichloropropene	10.0	9.891		ug/L		99	80 - 122	3	30
Dibromochloromethane	10.0	10.45		ug/L		105	79 - 127	2	30
1,2-Dibromo-3-Chloropropane	10.0	9.432		ug/L		94	80 - 124	3	23
1,2-Dibromoethane	10.0	10.45		ug/L		105	80 - 120	3	32
Dibromomethane	10.0	10.33		ug/L		103	80 - 122	5	30
1,2-Dichlorobenzene	10.0	10.53		ug/L		105	80 - 120	3	30
1,3-Dichlorobenzene	10.0	10.38		ug/L		104	80 - 122	4	30
1,4-Dichlorobenzene	10.0	9.790		ug/L		98	80 - 120	3	20
Dichlorodifluoromethane	10.0	9.344		ug/L		93	50 - 150	3	30
1,1-Dichloroethane	10.0	10.20		ug/L		102	71 - 120	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-10351/4
Matrix: Water
Analysis Batch: 10351

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane			10.0	10.11		ug/L		101	80 - 122	4	23
1,1-Dichloroethene			10.0	10.31		ug/L		103	77 - 120	4	26
1,2-Dichloropropane			10.0	10.39		ug/L		104	80 - 120	3	23
1,3-Dichloropropane			10.0	10.43		ug/L		104	80 - 120	2	24
2,2-Dichloropropane			10.0	7.660		ug/L		77	64 - 154	6	30
1,1-Dichloropropene			10.0	10.25		ug/L		103	78 - 126	2	24
Di-isopropyl ether (DIPE)			10.0	10.00		ug/L		100	73 - 121	3	26
Ethanol			100	143.5	* me	ug/L		143	73 - 133	8	30
Ethylbenzene			10.0	10.91		ug/L		109	80 - 120	2	25
Ethyl-t-butyl ether (ETBE)			10.0	9.628		ug/L		96	76 - 124	5	30
2-Hexanone			10.0	9.170	J	ug/L		92	67 - 151	5	30
Isopropylbenzene			10.0	11.15		ug/L		111	80 - 124	2	30
Methylene Chloride			10.0	10.21		ug/L		102	77 - 120	2	24
4-Methyl-2-pentanone			10.0	8.838		ug/L		88	73 - 127	5	30
Methyl-t-Butyl Ether (MTBE)			10.0	9.944		ug/L		99	75 - 123	1	27
m,p-Xylene			20.0	22.39		ug/L		112	80 - 120	2	30
Naphthalene			10.0	10.31		ug/L		103	73 - 139	1	30
n-Butylbenzene			10.0	10.42		ug/L		104	80 - 126	1	30
N-Propylbenzene			10.0	11.22		ug/L		112	79 - 127	2	30
o-Xylene			10.0	11.20		ug/L		112	80 - 120	2	30
p-Isopropyltoluene			10.0	10.28		ug/L		103	80 - 120	3	22
sec-Butylbenzene			10.0	10.41		ug/L		104	79 - 127	3	30
Styrene			10.0	11.14		ug/L		111	80 - 120	4	24
Tert-amyl-methyl ether (TAME)			10.0	9.971		ug/L		100	80 - 120	1	24
tert-Butyl alcohol (TBA)			50.0	49.83		ug/L		100	80 - 120	2	30
tert-Butylbenzene			10.0	10.57		ug/L		106	80 - 125	3	30
1,1,1,2-Tetrachloroethane			10.0	10.71		ug/L		107	80 - 122	1	24
1,1,2,2-Tetrachloroethane			10.0	9.632		ug/L		96	80 - 121	2	30
Tetrachloroethene			10.0	10.31		ug/L		103	79 - 121	3	29
Toluene			10.0	10.53		ug/L		105	80 - 120	3	28
trans-1,2-Dichloroethene			10.0	10.19		ug/L		102	77 - 125	3	30
trans-1,3-Dichloropropene			10.0	10.00		ug/L		100	80 - 120	2	26
1,2,3-Trichlorobenzene			10.0	10.65		ug/L		106	80 - 122	2	30
1,2,4-Trichlorobenzene			10.0	10.28		ug/L		103	80 - 122	1	30
1,1,1-Trichloroethane			10.0	10.30		ug/L		103	80 - 128	3	23
1,1,2-Trichloroethane			10.0	10.46		ug/L		105	80 - 120	1	21
Trichloroethene			10.0	10.11		ug/L		101	80 - 120	3	25
Trichlorofluoromethane			10.0	10.44		ug/L		104	77 - 125	4	30
1,2,3-Trichloropropane			10.0	10.23		ug/L		102	76 - 120	0	30
1,2,4-Trimethylbenzene			10.0	10.76		ug/L		108	80 - 120	3	30
1,3,5-Trimethylbenzene			10.0	11.05		ug/L		110	80 - 122	4	30
Vinyl acetate			10.0	8.127		ug/L		81	74 - 128	7	30
Vinyl chloride			10.0	10.19		ug/L		102	63 - 135	4	30
Hexachloro-1,3-butadiene			10.0	9.806		ug/L		98	80 - 122	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*68 - 120*
Dibromofluoromethane	*101*		*80 - 127*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-10351/4
Matrix: Water
Analysis Batch: 10351

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 570-7687/7
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 13:14	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 13:14	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 13:14	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 13:14	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 13:14	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 13:14	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 13:14	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 13:14	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 13:14	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 13:14	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 13:14	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 13:14	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 13:14	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 13:14	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 13:14	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 13:14	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 13:14	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 13:14	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 13:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 13:14	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 13:14	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 13:14	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 13:14	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 13:14	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 13:14	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 13:14	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 13:14	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 13:14	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 13:14	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 13:14	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 13:14	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 13:14	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 13:14	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 13:14	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 13:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 13:14	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 13:14	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 13:14	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 13:14	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 13:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-7687/7
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 13:14	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 13:14	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 13:14	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 13:14	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 13:14	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 13:14	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 13:14	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 13:14	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 13:14	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 13:14	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 13:14	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 13:14	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 13:14	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 13:14	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/25/19 13:14	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 13:14	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 13:14	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 13:14	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 13:14	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 13:14	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 13:14	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 13:14	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 13:14	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 13:14	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 13:14	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 13:14	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 13:14	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/25/19 13:14	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 13:14	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 13:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*07/25/19 13:14*	*1*
Dibromofluoromethane	*101*		*80 - 127*		*07/25/19 13:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*		*07/25/19 13:14*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/25/19 13:14*	*1*

Lab Sample ID: LCS 570-7687/4
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	10.52		ug/L		105	50 - 150
Benzene	10.0	9.966		ug/L		100	80 - 120
Bromobenzene	10.0	9.873		ug/L		99	80 - 120
Bromochloromethane	10.0	10.86		ug/L		109	75 - 123
Bromodichloromethane	10.0	11.16		ug/L		112	80 - 121
Bromoform	10.0	14.37	*	ug/L		144	74 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7687/4
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	10.0	10.03		ug/L		100	50 - 150
2-Butanone	10.0	9.636		ug/L		96	55 - 187
Carbon disulfide	10.0	10.96		ug/L		110	64 - 130
Carbon tetrachloride	10.0	12.76		ug/L		128	80 - 129
Chlorobenzene	10.0	10.10		ug/L		101	80 - 120
Chloroethane	10.0	10.34		ug/L		103	72 - 126
Chloroform	10.0	10.37		ug/L		104	76 - 124
Chloromethane	10.0	10.63		ug/L		106	53 - 143
2-Chlorotoluene	10.0	9.977		ug/L		100	80 - 124
4-Chlorotoluene	10.0	10.33		ug/L		103	80 - 122
cis-1,2-Dichloroethene	10.0	10.71		ug/L		107	75 - 123
cis-1,3-Dichloropropene	10.0	11.83		ug/L		118	80 - 122
Dibromochloromethane	10.0	12.89	*	ug/L		129	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	11.99		ug/L		120	80 - 124
1,2-Dibromoethane	10.0	10.23		ug/L		102	80 - 120
Dibromomethane	10.0	10.61		ug/L		106	80 - 122
1,2-Dichlorobenzene	10.0	10.30		ug/L		103	80 - 120
1,3-Dichlorobenzene	10.0	9.978		ug/L		100	80 - 122
1,4-Dichlorobenzene	10.0	9.994		ug/L		100	80 - 120
Dichlorodifluoromethane	10.0	10.80		ug/L		108	50 - 150
1,1-Dichloroethane	10.0	9.333		ug/L		93	71 - 120
1,2-Dichloroethane	10.0	10.27		ug/L		103	80 - 122
1,1-Dichloroethene	10.0	9.604		ug/L		96	77 - 120
1,2-Dichloropropane	10.0	10.41		ug/L		104	80 - 120
1,3-Dichloropropane	10.0	10.14		ug/L		101	80 - 120
2,2-Dichloropropane	10.0	11.87		ug/L		119	64 - 154
1,1-Dichloropropene	10.0	10.42		ug/L		104	78 - 126
Di-isopropyl ether (DIPE)	10.0	10.47		ug/L		105	73 - 121
Ethylbenzene	10.0	9.835		ug/L		98	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.871		ug/L		99	76 - 124
2-Hexanone	10.0	9.069	J	ug/L		91	67 - 151
Isopropylbenzene	10.0	10.03		ug/L		100	80 - 124
Methylene Chloride	10.0	9.776		ug/L		98	77 - 120
4-Methyl-2-pentanone	10.0	9.648		ug/L		96	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	9.409		ug/L		94	75 - 123
m,p-Xylene	20.0	20.09		ug/L		100	80 - 120
Naphthalene	10.0	9.947		ug/L		99	73 - 139
n-Butylbenzene	10.0	10.05		ug/L		100	80 - 126
N-Propylbenzene	10.0	10.07		ug/L		101	79 - 127
o-Xylene	10.0	10.16		ug/L		102	80 - 120
p-Isopropyltoluene	10.0	10.42		ug/L		104	80 - 120
sec-Butylbenzene	10.0	10.04		ug/L		100	79 - 127
Styrene	10.0	10.14		ug/L		101	80 - 120
Tert-amyl-methyl ether (TAME)	10.0	11.37		ug/L		114	80 - 120
tert-Butyl alcohol (TBA)	50.0	46.81		ug/L		94	80 - 120
tert-Butylbenzene	10.0	10.32		ug/L		103	80 - 125
1,1,1,2-Tetrachloroethane	10.0	12.58	*	ug/L		126	80 - 122
1,1,2,2-Tetrachloroethane	10.0	10.45		ug/L		105	80 - 121
Tetrachloroethene	10.0	9.071		ug/L		91	79 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7687/4
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Toluene			10.0	9.993		ug/L		100	80 - 120		
trans-1,2-Dichloroethene			10.0	9.932		ug/L		99	77 - 125		
trans-1,3-Dichloropropene			10.0	11.34		ug/L		113	80 - 120		
1,2,3-Trichlorobenzene			10.0	10.47		ug/L		105	80 - 122		
1,2,4-Trichlorobenzene			10.0	10.84		ug/L		108	80 - 122		
1,1,1-Trichloroethane			10.0	10.64		ug/L		106	80 - 128		
1,1,2-Trichloroethane			10.0	10.05		ug/L		101	80 - 120		
Trichloroethene			10.0	9.960		ug/L		100	80 - 120		
Trichlorofluoromethane			10.0	11.42		ug/L		114	77 - 125		
1,2,3-Trichloropropane			10.0	11.45		ug/L		115	76 - 120		
1,2,4-Trimethylbenzene			10.0	10.33		ug/L		103	80 - 120		
1,3,5-Trimethylbenzene			10.0	10.16		ug/L		102	80 - 122		
Vinyl acetate			10.0	11.04		ug/L		110	74 - 128		
Vinyl chloride			10.0	10.26		ug/L		103	63 - 135		
Hexachloro-1,3-butadiene			10.0	10.57		ug/L		106	80 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*108*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-7687/5
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			10.0	10.96		ug/L		110	50 - 150	4	30
Benzene			10.0	9.417		ug/L		94	80 - 120	6	22
Bromobenzene			10.0	9.817		ug/L		98	80 - 120	1	22
Bromochloromethane			10.0	10.60		ug/L		106	75 - 123	2	27
Bromodichloromethane			10.0	10.86		ug/L		109	80 - 121	3	29
Bromoform			10.0	14.91	*	ug/L		149	74 - 140	4	30
Bromomethane			10.0	9.185		ug/L		92	50 - 150	9	30
2-Butanone			10.0	10.18		ug/L		102	55 - 187	5	30
Carbon disulfide			10.0	10.45		ug/L		104	64 - 130	5	34
Carbon tetrachloride			10.0	12.09		ug/L		121	80 - 129	5	36
Chlorobenzene			10.0	9.791		ug/L		98	80 - 120	3	29
Chloroethane			10.0	9.688		ug/L		97	72 - 126	6	30
Chloroform			10.0	10.06		ug/L		101	76 - 124	3	29
Chloromethane			10.0	9.965		ug/L		100	53 - 143	7	30
2-Chlorotoluene			10.0	9.730		ug/L		97	80 - 124	3	29
4-Chlorotoluene			10.0	10.03		ug/L		100	80 - 122	3	25
cis-1,2-Dichloroethene			10.0	10.32		ug/L		103	75 - 123	4	26
cis-1,3-Dichloropropene			10.0	11.32		ug/L		113	80 - 122	4	30
Dibromochloromethane			10.0	12.83	*	ug/L		128	79 - 127	0	30
1,2-Dibromo-3-Chloropropane			10.0	12.30		ug/L		123	80 - 124	3	23
1,2-Dibromoethane			10.0	10.50		ug/L		105	80 - 120	3	32

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7687/5
Matrix: Water
Analysis Batch: 7687

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromomethane	10.0	10.32		ug/L		103	80 - 122	3	30
1,2-Dichlorobenzene	10.0	10.12		ug/L		101	80 - 120	2	30
1,3-Dichlorobenzene	10.0	9.867		ug/L		99	80 - 122	1	30
1,4-Dichlorobenzene	10.0	9.850		ug/L		99	80 - 120	1	20
Dichlorodifluoromethane	10.0	10.24		ug/L		102	50 - 150	5	30
1,1-Dichloroethane	10.0	9.008		ug/L		90	71 - 120	4	30
1,2-Dichloroethane	10.0	9.986		ug/L		100	80 - 122	3	23
1,1-Dichloroethene	10.0	9.094		ug/L		91	77 - 120	5	26
1,2-Dichloropropane	10.0	10.12		ug/L		101	80 - 120	3	23
1,3-Dichloropropane	10.0	10.36		ug/L		104	80 - 120	2	24
2,2-Dichloropropane	10.0	11.30		ug/L		113	64 - 154	5	30
1,1-Dichloropropene	10.0	10.03		ug/L		100	78 - 126	4	24
Di-isopropyl ether (DIPE)	10.0	10.31		ug/L		103	73 - 121	2	26
Ethylbenzene	10.0	9.599		ug/L		96	80 - 120	2	25
Ethyl-t-butyl ether (ETBE)	10.0	9.910		ug/L		99	76 - 124	0	30
2-Hexanone	10.0	9.656	J	ug/L		97	67 - 151	6	30
Isopropylbenzene	10.0	9.699		ug/L		97	80 - 124	3	30
Methylene Chloride	10.0	9.424		ug/L		94	77 - 120	4	24
4-Methyl-2-pentanone	10.0	9.724		ug/L		97	73 - 127	1	30
Methyl-t-Butyl Ether (MTBE)	10.0	9.210		ug/L		92	75 - 123	2	27
m,p-Xylene	20.0	19.40		ug/L		97	80 - 120	3	30
Naphthalene	10.0	10.22		ug/L		102	73 - 139	3	30
n-Butylbenzene	10.0	9.697		ug/L		97	80 - 126	4	30
N-Propylbenzene	10.0	9.789		ug/L		98	79 - 127	3	30
o-Xylene	10.0	9.888		ug/L		99	80 - 120	3	30
p-Isopropyltoluene	10.0	10.04		ug/L		100	80 - 120	4	22
sec-Butylbenzene	10.0	9.728		ug/L		97	79 - 127	3	30
Styrene	10.0	9.894		ug/L		99	80 - 120	2	24
Tert-amyl-methyl ether (TAME)	10.0	11.09		ug/L		111	80 - 120	2	24
tert-Butyl alcohol (TBA)	50.0	48.23		ug/L		96	80 - 120	3	30
tert-Butylbenzene	10.0	10.02		ug/L		100	80 - 125	3	30
1,1,1,2-Tetrachloroethane	10.0	12.41	*	ug/L		124	80 - 122	1	24
1,1,2,2-Tetrachloroethane	10.0	10.78		ug/L		108	80 - 121	3	30
Tetrachloroethene	10.0	8.826		ug/L		88	79 - 121	3	29
Toluene	10.0	9.515		ug/L		95	80 - 120	5	28
trans-1,2-Dichloroethene	10.0	9.499		ug/L		95	77 - 125	4	30
trans-1,3-Dichloropropene	10.0	11.49		ug/L		115	80 - 120	1	26
1,2,3-Trichlorobenzene	10.0	10.43		ug/L		104	80 - 122	0	30
1,2,4-Trichlorobenzene	10.0	10.80		ug/L		108	80 - 122	0	30
1,1,1-Trichloroethane	10.0	10.25		ug/L		103	80 - 128	4	23
1,1,2-Trichloroethane	10.0	10.17		ug/L		102	80 - 120	1	21
Trichloroethene	10.0	9.688		ug/L		97	80 - 120	3	25
Trichlorofluoromethane	10.0	10.56		ug/L		106	77 - 125	8	30
1,2,3-Trichloropropane	10.0	11.13		ug/L		111	76 - 120	3	30
1,2,4-Trimethylbenzene	10.0	10.16		ug/L		102	80 - 120	2	30
1,3,5-Trimethylbenzene	10.0	9.776		ug/L		98	80 - 122	4	30
Vinyl acetate	10.0	11.68		ug/L		117	74 - 128	6	30
Vinyl chloride	10.0	9.570		ug/L		96	63 - 135	7	30
Hexachloro-1,3-butadiene	10.0	10.23		ug/L		102	80 - 122	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*108*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 570-7799/8
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 18:26	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 18:26	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 18:26	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 18:26	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 18:26	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 18:26	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 18:26	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 18:26	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 18:26	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 18:26	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 18:26	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 18:26	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 18:26	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 18:26	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 18:26	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 18:26	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 18:26	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 18:26	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 18:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 18:26	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 18:26	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 18:26	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 18:26	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 18:26	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 18:26	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 18:26	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 18:26	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 18:26	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 18:26	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 18:26	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 18:26	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 18:26	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 18:26	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 18:26	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 18:26	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 18:26	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 18:26	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 18:26	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 18:26	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 18:26	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 18:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-7799/8
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 18:26	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 18:26	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 18:26	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 18:26	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 18:26	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 18:26	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 18:26	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 18:26	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 18:26	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 18:26	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 18:26	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 18:26	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 18:26	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/25/19 18:26	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 18:26	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 18:26	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 18:26	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 18:26	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 18:26	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 18:26	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 18:26	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 18:26	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 18:26	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 18:26	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 18:26	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 18:26	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/25/19 18:26	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 18:26	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 18:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*07/25/19 18:26*	*1*
Dibromofluoromethane	*105*		*80 - 127*		*07/25/19 18:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 128*		*07/25/19 18:26*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/25/19 18:26*	*1*

Lab Sample ID: LCS 570-7799/4
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	11.36		ug/L		114	50 - 150
Benzene	10.0	10.52		ug/L		105	80 - 120
Bromobenzene	10.0	10.71		ug/L		107	80 - 120
Bromochloromethane	10.0	10.30		ug/L		103	75 - 123
Bromodichloromethane	10.0	10.88		ug/L		109	80 - 121
Bromoform	10.0	10.08		ug/L		101	74 - 140
Bromomethane	10.0	9.980		ug/L		100	50 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7799/4
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone	10.0	9.769		ug/L		98	55 - 187
Carbon disulfide	10.0	11.10		ug/L		111	64 - 130
Carbon tetrachloride	10.0	10.44		ug/L		104	80 - 129
Chlorobenzene	10.0	10.33		ug/L		103	80 - 120
Chloroethane	10.0	9.754		ug/L		98	72 - 126
Chloroform	10.0	10.47		ug/L		105	76 - 124
Chloromethane	10.0	10.08		ug/L		101	53 - 143
2-Chlorotoluene	10.0	10.21		ug/L		102	80 - 124
4-Chlorotoluene	10.0	10.23		ug/L		102	80 - 122
cis-1,2-Dichloroethene	10.0	10.47		ug/L		105	75 - 123
cis-1,3-Dichloropropene	10.0	10.25		ug/L		102	80 - 122
Dibromochloromethane	10.0	10.81		ug/L		108	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	9.305		ug/L		93	80 - 124
1,2-Dibromoethane	10.0	10.37		ug/L		104	80 - 120
Dibromomethane	10.0	10.36		ug/L		104	80 - 122
1,2-Dichlorobenzene	10.0	10.35		ug/L		103	80 - 120
1,3-Dichlorobenzene	10.0	10.48		ug/L		105	80 - 122
1,4-Dichlorobenzene	10.0	10.03		ug/L		100	80 - 120
Dichlorodifluoromethane	10.0	8.361		ug/L		84	50 - 150
1,1-Dichloroethane	10.0	10.18		ug/L		102	71 - 120
1,2-Dichloroethane	10.0	10.52		ug/L		105	80 - 122
1,1-Dichloroethene	10.0	10.76		ug/L		108	77 - 120
1,2-Dichloropropane	10.0	10.06		ug/L		101	80 - 120
1,3-Dichloropropane	10.0	10.33		ug/L		103	80 - 120
2,2-Dichloropropane	10.0	10.51		ug/L		105	64 - 154
1,1-Dichloropropene	10.0	10.12		ug/L		101	78 - 126
Di-isopropyl ether (DIPE)	10.0	10.18		ug/L		102	73 - 121
Ethylbenzene	10.0	10.80		ug/L		108	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.549		ug/L		95	76 - 124
2-Hexanone	10.0	9.497	J	ug/L		95	67 - 151
Isopropylbenzene	10.0	10.72		ug/L		107	80 - 124
Methylene Chloride	10.0	10.69		ug/L		107	77 - 120
4-Methyl-2-pentanone	10.0	8.878		ug/L		89	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	9.891		ug/L		99	75 - 123
m,p-Xylene	20.0	22.31		ug/L		112	80 - 120
Naphthalene	10.0	10.30		ug/L		103	73 - 139
n-Butylbenzene	10.0	10.60		ug/L		106	80 - 126
N-Propylbenzene	10.0	11.23		ug/L		112	79 - 127
o-Xylene	10.0	10.76		ug/L		108	80 - 120
p-Isopropyltoluene	10.0	10.32		ug/L		103	80 - 120
sec-Butylbenzene	10.0	10.28		ug/L		103	79 - 127
Styrene	10.0	11.17		ug/L		112	80 - 120
Tert-amyl-methyl ether (TAME)	10.0	9.754		ug/L		98	80 - 120
tert-Butyl alcohol (TBA)	50.0	55.07		ug/L		110	80 - 120
tert-Butylbenzene	10.0	10.24		ug/L		102	80 - 125
1,1,1,2-Tetrachloroethane	10.0	10.52		ug/L		105	80 - 122
1,1,2,2-Tetrachloroethane	10.0	9.865		ug/L		99	80 - 121
Tetrachloroethene	10.0	10.61		ug/L		106	79 - 121
Toluene	10.0	10.55		ug/L		106	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7799/4
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
trans-1,2-Dichloroethene			10.0	10.53		ug/L		105	77 - 125		
trans-1,3-Dichloropropene			10.0	10.18		ug/L		102	80 - 120		
1,2,3-Trichlorobenzene			10.0	10.78		ug/L		108	80 - 122		
1,2,4-Trichlorobenzene			10.0	10.53		ug/L		105	80 - 122		
1,1,1-Trichloroethane			10.0	10.28		ug/L		103	80 - 128		
1,1,2-Trichloroethane			10.0	10.47		ug/L		105	80 - 120		
Trichloroethene			10.0	10.48		ug/L		105	80 - 120		
Trichlorofluoromethane			10.0	9.540		ug/L		95	77 - 125		
1,2,3-Trichloropropane			10.0	10.70		ug/L		107	76 - 120		
1,2,4-Trimethylbenzene			10.0	10.42		ug/L		104	80 - 120		
1,3,5-Trimethylbenzene			10.0	10.96		ug/L		110	80 - 122		
Vinyl acetate			10.0	8.263		ug/L		83	74 - 128		
Vinyl chloride			10.0	9.632		ug/L		96	63 - 135		
Hexachloro-1,3-butadiene			10.0	10.40		ug/L		104	80 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*104*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-7799/5
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			10.0	11.07		ug/L		111	50 - 150	3	30
Benzene			10.0	10.25		ug/L		102	80 - 120	3	22
Bromobenzene			10.0	10.54		ug/L		105	80 - 120	2	22
Bromochloromethane			10.0	10.26		ug/L		103	75 - 123	0	27
Bromodichloromethane			10.0	10.44		ug/L		104	80 - 121	4	29
Bromoform			10.0	10.30		ug/L		103	74 - 140	2	30
Bromomethane			10.0	10.13		ug/L		101	50 - 150	2	30
2-Butanone			10.0	10.09		ug/L		101	55 - 187	3	30
Carbon disulfide			10.0	10.76		ug/L		108	64 - 130	3	34
Carbon tetrachloride			10.0	10.32		ug/L		103	80 - 129	1	36
Chlorobenzene			10.0	10.34		ug/L		103	80 - 120	0	29
Chloroethane			10.0	9.455		ug/L		95	72 - 126	3	30
Chloroform			10.0	10.27		ug/L		103	76 - 124	2	29
Chloromethane			10.0	10.28		ug/L		103	53 - 143	2	30
2-Chlorotoluene			10.0	10.08		ug/L		101	80 - 124	1	29
4-Chlorotoluene			10.0	9.874		ug/L		99	80 - 122	4	25
cis-1,2-Dichloroethene			10.0	10.29		ug/L		103	75 - 123	2	26
cis-1,3-Dichloropropene			10.0	10.09		ug/L		101	80 - 122	2	30
Dibromochloromethane			10.0	10.52		ug/L		105	79 - 127	3	30
1,2-Dibromo-3-Chloropropane			10.0	9.410		ug/L		94	80 - 124	1	23
1,2-Dibromoethane			10.0	10.37		ug/L		104	80 - 120	0	32
Dibromomethane			10.0	10.38		ug/L		104	80 - 122	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7799/5
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	10.0	10.20		ug/L		102	80 - 120	1	30
1,3-Dichlorobenzene	10.0	10.32		ug/L		103	80 - 122	2	30
1,4-Dichlorobenzene	10.0	10.02		ug/L		100	80 - 120	0	20
Dichlorodifluoromethane	10.0	8.089		ug/L		81	50 - 150	3	30
1,1-Dichloroethane	10.0	10.09		ug/L		101	71 - 120	1	30
1,2-Dichloroethane	10.0	10.36		ug/L		104	80 - 122	2	23
1,1-Dichloroethene	10.0	10.41		ug/L		104	77 - 120	3	26
1,2-Dichloropropane	10.0	9.991		ug/L		100	80 - 120	1	23
1,3-Dichloropropane	10.0	10.35		ug/L		103	80 - 120	0	24
2,2-Dichloropropane	10.0	10.01		ug/L		100	64 - 154	5	30
1,1-Dichloropropene	10.0	9.873		ug/L		99	78 - 126	2	24
Di-isopropyl ether (DIPE)	10.0	9.957		ug/L		100	73 - 121	2	26
Ethylbenzene	10.0	10.51		ug/L		105	80 - 120	3	25
Ethyl-t-butyl ether (ETBE)	10.0	9.518		ug/L		95	76 - 124	0	30
2-Hexanone	10.0	10.98		ug/L		110	67 - 151	14	30
Isopropylbenzene	10.0	10.51		ug/L		105	80 - 124	2	30
Methylene Chloride	10.0	10.39		ug/L		104	77 - 120	3	24
4-Methyl-2-pentanone	10.0	8.917		ug/L		89	73 - 127	0	30
Methyl-t-Butyl Ether (MTBE)	10.0	9.891		ug/L		99	75 - 123	0	27
m,p-Xylene	20.0	21.64		ug/L		108	80 - 120	3	30
Naphthalene	10.0	10.51		ug/L		105	73 - 139	2	30
n-Butylbenzene	10.0	10.44		ug/L		104	80 - 126	2	30
N-Propylbenzene	10.0	10.97		ug/L		110	79 - 127	2	30
o-Xylene	10.0	10.53		ug/L		105	80 - 120	2	30
p-Isopropyltoluene	10.0	10.08		ug/L		101	80 - 120	2	22
sec-Butylbenzene	10.0	9.991		ug/L		100	79 - 127	3	30
Styrene	10.0	10.82		ug/L		108	80 - 120	3	24
Tert-amyl-methyl ether (TAME)	10.0	9.865		ug/L		99	80 - 120	1	24
tert-Butyl alcohol (TBA)	50.0	58.59		ug/L		117	80 - 120	6	30
tert-Butylbenzene	10.0	9.952		ug/L		100	80 - 125	3	30
1,1,1,2-Tetrachloroethane	10.0	10.28		ug/L		103	80 - 122	2	24
1,1,2,2-Tetrachloroethane	10.0	9.701		ug/L		97	80 - 121	2	30
Tetrachloroethene	10.0	10.91		ug/L		109	79 - 121	3	29
Toluene	10.0	10.26		ug/L		103	80 - 120	3	28
trans-1,2-Dichloroethene	10.0	10.17		ug/L		102	77 - 125	3	30
trans-1,3-Dichloropropene	10.0	10.21		ug/L		102	80 - 120	0	26
1,2,3-Trichlorobenzene	10.0	10.67		ug/L		107	80 - 122	1	30
1,2,4-Trichlorobenzene	10.0	10.64		ug/L		106	80 - 122	1	30
1,1,1-Trichloroethane	10.0	9.976		ug/L		100	80 - 128	3	23
1,1,2-Trichloroethane	10.0	10.44		ug/L		104	80 - 120	0	21
Trichloroethene	10.0	10.18		ug/L		102	80 - 120	3	25
Trichlorofluoromethane	10.0	9.076		ug/L		91	77 - 125	5	30
1,2,3-Trichloropropane	10.0	10.79		ug/L		108	76 - 120	1	30
1,2,4-Trimethylbenzene	10.0	10.26		ug/L		103	80 - 120	2	30
1,3,5-Trimethylbenzene	10.0	10.73		ug/L		107	80 - 122	2	30
Vinyl acetate	10.0	9.572		ug/L		96	74 - 128	15	30
Vinyl chloride	10.0	9.342		ug/L		93	63 - 135	3	30
Hexachloro-1,3-butadiene	10.0	10.06		ug/L		101	80 - 122	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7799/5
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*102*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 570-7842/6
Matrix: Water
Analysis Batch: 7842

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 00:17	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 00:17	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 00:17	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 00:17	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 00:17	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 00:17	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 00:17	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 00:17	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 00:17	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 00:17	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 00:17	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 00:17	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 00:17	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 00:17	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 00:17	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 00:17	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 00:17	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 00:17	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 00:17	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 00:17	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 00:17	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 00:17	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 00:17	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 00:17	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 00:17	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 00:17	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 00:17	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 00:17	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 00:17	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 00:17	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 00:17	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 00:17	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 00:17	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 00:17	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 00:17	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 00:17	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 00:17	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 00:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-7842/6
Matrix: Water
Analysis Batch: 7842

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 00:17	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 00:17	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 00:17	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 00:17	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 00:17	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 00:17	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 00:17	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 00:17	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 00:17	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 00:17	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 00:17	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 00:17	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 00:17	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 00:17	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 00:17	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 00:17	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 00:17	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 00:17	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 00:17	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 00:17	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 00:17	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 00:17	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 00:17	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 00:17	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 00:17	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 00:17	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 00:17	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 00:17	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 00:17	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 00:17	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 00:17	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 00:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*07/26/19 00:17*	*1*
Dibromofluoromethane	*109*		*80 - 127*		*07/26/19 00:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 128*		*07/26/19 00:17*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/26/19 00:17*	*1*

Lab Sample ID: LCS 570-7842/3
Matrix: Water
Analysis Batch: 7842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	11.33		ug/L		113	50 - 150
Benzene	10.0	9.924		ug/L		99	80 - 120
Bromobenzene	10.0	9.442		ug/L		94	80 - 120
Bromochloromethane	10.0	10.78		ug/L		108	75 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7842/3
Matrix: Water
Analysis Batch: 7842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	10.0	11.02		ug/L		110	80 - 121
Bromoform	10.0	12.55		ug/L		125	74 - 140
Bromomethane	10.0	5.101		ug/L		51	50 - 150
2-Butanone	10.0	10.42		ug/L		104	55 - 187
Carbon disulfide	10.0	9.841	J	ug/L		98	64 - 130
Carbon tetrachloride	10.0	10.52		ug/L		105	80 - 129
Chlorobenzene	10.0	9.504		ug/L		95	80 - 120
Chloroethane	10.0	9.533		ug/L		95	72 - 126
Chloroform	10.0	10.38		ug/L		104	76 - 124
Chloromethane	10.0	8.459		ug/L		85	53 - 143
2-Chlorotoluene	10.0	9.469		ug/L		95	80 - 124
4-Chlorotoluene	10.0	9.795		ug/L		98	80 - 122
cis-1,2-Dichloroethene	10.0	10.43		ug/L		104	75 - 123
cis-1,3-Dichloropropene	10.0	10.90		ug/L		109	80 - 122
Dibromochloromethane	10.0	11.95		ug/L		119	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	11.02		ug/L		110	80 - 124
1,2-Dibromoethane	10.0	9.882		ug/L		99	80 - 120
Dibromomethane	10.0	10.87		ug/L		109	80 - 122
1,2-Dichlorobenzene	10.0	9.714		ug/L		97	80 - 120
1,3-Dichlorobenzene	10.0	9.348		ug/L		93	80 - 122
1,4-Dichlorobenzene	10.0	9.366		ug/L		94	80 - 120
Dichlorodifluoromethane	10.0	10.25		ug/L		103	50 - 150
1,1-Dichloroethane	10.0	9.044		ug/L		90	71 - 120
1,2-Dichloroethane	10.0	10.53		ug/L		105	80 - 122
1,1-Dichloroethene	10.0	8.662		ug/L		87	77 - 120
1,2-Dichloropropane	10.0	10.41		ug/L		104	80 - 120
1,3-Dichloropropane	10.0	10.17		ug/L		102	80 - 120
2,2-Dichloropropane	10.0	9.635		ug/L		96	64 - 154
1,1-Dichloropropene	10.0	9.284		ug/L		93	78 - 126
Di-isopropyl ether (DIPE)	10.0	10.39		ug/L		104	73 - 121
Ethylbenzene	10.0	9.237		ug/L		92	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.406		ug/L		94	76 - 124
2-Hexanone	10.0	8.932	J	ug/L		89	67 - 151
Isopropylbenzene	10.0	9.088		ug/L		91	80 - 124
Methylene Chloride	10.0	9.884		ug/L		99	77 - 120
4-Methyl-2-pentanone	10.0	9.873		ug/L		99	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	9.205		ug/L		92	75 - 123
m,p-Xylene	20.0	18.68		ug/L		93	80 - 120
Naphthalene	10.0	9.518		ug/L		95	73 - 139
n-Butylbenzene	10.0	9.009		ug/L		90	80 - 126
N-Propylbenzene	10.0	9.268		ug/L		93	79 - 127
o-Xylene	10.0	9.659		ug/L		97	80 - 120
p-Isopropyltoluene	10.0	9.324		ug/L		93	80 - 120
sec-Butylbenzene	10.0	8.947		ug/L		89	79 - 127
Styrene	10.0	9.777		ug/L		98	80 - 120
Tert-amyl-methyl ether (TAME)	10.0	10.79		ug/L		108	80 - 120
tert-Butyl alcohol (TBA)	50.0	47.89		ug/L		96	80 - 120
tert-Butylbenzene	10.0	8.939		ug/L		89	80 - 125
1,1,1,2-Tetrachloroethane	10.0	11.19		ug/L		112	80 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7842/3
Matrix: Water
Analysis Batch: 7842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	10.0	10.06		ug/L		101	80 - 121
Tetrachloroethene	10.0	10.06		ug/L		101	79 - 121
Toluene	10.0	9.775		ug/L		98	80 - 120
trans-1,2-Dichloroethene	10.0	9.701		ug/L		97	77 - 125
trans-1,3-Dichloropropene	10.0	10.17		ug/L		102	80 - 120
1,2,3-Trichlorobenzene	10.0	9.637		ug/L		96	80 - 122
1,2,4-Trichlorobenzene	10.0	9.775		ug/L		98	80 - 122
1,1,1-Trichloroethane	10.0	9.615		ug/L		96	80 - 128
1,1,2-Trichloroethane	10.0	10.05		ug/L		100	80 - 120
Trichloroethene	10.0	9.693		ug/L		97	80 - 120
Trichlorofluoromethane	10.0	10.77		ug/L		108	77 - 125
1,2,3-Trichloropropane	10.0	10.39		ug/L		104	76 - 120
1,2,4-Trimethylbenzene	10.0	9.587		ug/L		96	80 - 120
1,3,5-Trimethylbenzene	10.0	9.393		ug/L		94	80 - 122
Vinyl acetate	10.0	11.34		ug/L		113	74 - 128
Vinyl chloride	10.0	9.627		ug/L		96	63 - 135
Hexachloro-1,3-butadiene	10.0	8.912		ug/L		89	80 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*110*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-7842/4
Matrix: Water
Analysis Batch: 7842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10.0	11.29		ug/L		113	50 - 150	0	30
Benzene	10.0	10.19		ug/L		102	80 - 120	3	22
Bromobenzene	10.0	9.457		ug/L		95	80 - 120	0	22
Bromochloromethane	10.0	10.90		ug/L		109	75 - 123	1	27
Bromodichloromethane	10.0	11.10		ug/L		111	80 - 121	1	29
Bromoform	10.0	12.91		ug/L		129	74 - 140	3	30
Bromomethane	10.0	5.712		ug/L		57	50 - 150	11	30
2-Butanone	10.0	10.89		ug/L		109	55 - 187	4	30
Carbon disulfide	10.0	10.37		ug/L		104	64 - 130	5	34
Carbon tetrachloride	10.0	10.90		ug/L		109	80 - 129	4	36
Chlorobenzene	10.0	9.773		ug/L		98	80 - 120	3	29
Chloroethane	10.0	10.08		ug/L		101	72 - 126	6	30
Chloroform	10.0	10.60		ug/L		106	76 - 124	2	29
Chloromethane	10.0	8.549		ug/L		85	53 - 143	1	30
2-Chlorotoluene	10.0	9.741		ug/L		97	80 - 124	3	29
4-Chlorotoluene	10.0	9.865		ug/L		99	80 - 122	1	25
cis-1,2-Dichloroethene	10.0	10.97		ug/L		110	75 - 123	5	26
cis-1,3-Dichloropropene	10.0	11.11		ug/L		111	80 - 122	2	30
Dibromochloromethane	10.0	11.94		ug/L		119	79 - 127	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7842/4
Matrix: Water
Analysis Batch: 7842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	10.0	10.60		ug/L		106	80 - 124	4	23
1,2-Dibromoethane	10.0	10.09		ug/L		101	80 - 120	2	32
Dibromomethane	10.0	10.92		ug/L		109	80 - 122	0	30
1,2-Dichlorobenzene	10.0	9.947		ug/L		99	80 - 120	2	30
1,3-Dichlorobenzene	10.0	9.576		ug/L		96	80 - 122	2	30
1,4-Dichlorobenzene	10.0	9.700		ug/L		97	80 - 120	4	20
Dichlorodifluoromethane	10.0	10.64		ug/L		106	50 - 150	4	30
1,1-Dichloroethane	10.0	9.452		ug/L		95	71 - 120	4	30
1,2-Dichloroethane	10.0	10.46		ug/L		105	80 - 122	1	23
1,1-Dichloroethene	10.0	9.135		ug/L		91	77 - 120	5	26
1,2-Dichloropropane	10.0	10.61		ug/L		106	80 - 120	2	23
1,3-Dichloropropane	10.0	10.15		ug/L		102	80 - 120	0	24
2,2-Dichloropropane	10.0	9.974		ug/L		100	64 - 154	3	30
1,1-Dichloropropene	10.0	9.554		ug/L		96	78 - 126	3	24
Di-isopropyl ether (DIPE)	10.0	10.61		ug/L		106	73 - 121	2	26
Ethylbenzene	10.0	9.488		ug/L		95	80 - 120	3	25
Ethyl-t-butyl ether (ETBE)	10.0	9.650		ug/L		97	76 - 124	3	30
2-Hexanone	10.0	9.229	J	ug/L		92	67 - 151	3	30
Isopropylbenzene	10.0	9.455		ug/L		95	80 - 124	4	30
Methylene Chloride	10.0	10.11		ug/L		101	77 - 120	2	24
4-Methyl-2-pentanone	10.0	10.07		ug/L		101	73 - 127	2	30
Methyl-t-Butyl Ether (MTBE)	10.0	9.355		ug/L		94	75 - 123	2	27
m,p-Xylene	20.0	19.33		ug/L		97	80 - 120	3	30
Naphthalene	10.0	9.519		ug/L		95	73 - 139	0	30
n-Butylbenzene	10.0	9.323		ug/L		93	80 - 126	3	30
N-Propylbenzene	10.0	9.595		ug/L		96	79 - 127	3	30
o-Xylene	10.0	9.963		ug/L		100	80 - 120	3	30
p-Isopropyltoluene	10.0	9.575		ug/L		96	80 - 120	3	22
sec-Butylbenzene	10.0	9.214		ug/L		92	79 - 127	3	30
Styrene	10.0	9.989		ug/L		100	80 - 120	2	24
Tert-amyl-methyl ether (TAME)	10.0	11.12		ug/L		111	80 - 120	3	24
tert-Butyl alcohol (TBA)	50.0	46.31		ug/L		93	80 - 120	3	30
tert-Butylbenzene	10.0	9.489		ug/L		95	80 - 125	6	30
1,1,1,2-Tetrachloroethane	10.0	11.71		ug/L		117	80 - 122	5	24
1,1,2,2-Tetrachloroethane	10.0	10.26		ug/L		103	80 - 121	2	30
Tetrachloroethene	10.0	9.212		ug/L		92	79 - 121	9	29
Toluene	10.0	10.17		ug/L		102	80 - 120	4	28
trans-1,2-Dichloroethene	10.0	9.964		ug/L		100	77 - 125	3	30
trans-1,3-Dichloropropene	10.0	10.45		ug/L		104	80 - 120	3	26
1,2,3-Trichlorobenzene	10.0	9.830		ug/L		98	80 - 122	2	30
1,2,4-Trichlorobenzene	10.0	10.23		ug/L		102	80 - 122	5	30
1,1,1-Trichloroethane	10.0	9.936		ug/L		99	80 - 128	3	23
1,1,2-Trichloroethane	10.0	10.28		ug/L		103	80 - 120	2	21
Trichloroethene	10.0	10.06		ug/L		101	80 - 120	4	25
Trichlorofluoromethane	10.0	11.38		ug/L		114	77 - 125	5	30
1,2,3-Trichloropropane	10.0	10.69		ug/L		107	76 - 120	3	30
1,2,4-Trimethylbenzene	10.0	9.874		ug/L		99	80 - 120	3	30
1,3,5-Trimethylbenzene	10.0	9.768		ug/L		98	80 - 122	4	30
Vinyl acetate	10.0	11.57		ug/L		116	74 - 128	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7842/4
Matrix: Water
Analysis Batch: 7842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl chloride			10.0	10.11		ug/L		101	63 - 135	5	30
Hexachloro-1,3-butadiene			10.0	9.024		ug/L		90	80 - 122	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*68 - 120*
Dibromofluoromethane	*112*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 570-7992/9
Matrix: Water
Analysis Batch: 7992

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 13:58	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 13:58	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 13:58	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 13:58	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 13:58	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 13:58	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 13:58	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 13:58	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 13:58	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 13:58	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 13:58	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 13:58	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 13:58	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 13:58	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 13:58	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 13:58	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 13:58	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 13:58	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 13:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 13:58	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 13:58	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 13:58	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 13:58	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 13:58	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 13:58	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 13:58	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 13:58	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 13:58	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 13:58	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 13:58	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 13:58	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 13:58	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 13:58	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 13:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-7992/9
Matrix: Water
Analysis Batch: 7992

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 13:58	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 13:58	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 13:58	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 13:58	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 13:58	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 13:58	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 13:58	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 13:58	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 13:58	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 13:58	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 13:58	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 13:58	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 13:58	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 13:58	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 13:58	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 13:58	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 13:58	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 13:58	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 13:58	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 13:58	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 13:58	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 13:58	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 13:58	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 13:58	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 13:58	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 13:58	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 13:58	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 13:58	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 13:58	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 13:58	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 13:58	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 13:58	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 13:58	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 13:58	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 13:58	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 13:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*07/26/19 13:58*	*1*
Dibromofluoromethane	*111*		*80 - 127*		*07/26/19 13:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*		*07/26/19 13:58*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/26/19 13:58*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7992/6
Matrix: Water
Analysis Batch: 7992

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	9.859	J	ug/L		99	50 - 150
Benzene	10.0	11.16		ug/L		112	80 - 120
Bromobenzene	10.0	9.971		ug/L		100	80 - 120
Bromochloromethane	10.0	11.56		ug/L		116	75 - 123
Bromodichloromethane	10.0	11.53		ug/L		115	80 - 121
Bromoform	10.0	12.19		ug/L		122	74 - 140
Bromomethane	10.0	10.40		ug/L		104	50 - 150
2-Butanone	10.0	9.095		ug/L		91	55 - 187
Carbon disulfide	10.0	12.71		ug/L		127	64 - 130
Carbon tetrachloride	10.0	14.44	*	ug/L		144	80 - 129
Chlorobenzene	10.0	10.19		ug/L		102	80 - 120
Chloroethane	10.0	11.60		ug/L		116	72 - 126
Chloroform	10.0	11.51		ug/L		115	76 - 124
Chloromethane	10.0	12.07		ug/L		121	53 - 143
2-Chlorotoluene	10.0	10.09		ug/L		101	80 - 124
4-Chlorotoluene	10.0	10.53		ug/L		105	80 - 122
cis-1,2-Dichloroethene	10.0	11.99		ug/L		120	75 - 123
cis-1,3-Dichloropropene	10.0	11.71		ug/L		117	80 - 122
Dibromochloromethane	10.0	11.55		ug/L		116	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	9.010		ug/L		90	80 - 124
1,2-Dibromoethane	10.0	9.386		ug/L		94	80 - 120
Dibromomethane	10.0	10.85		ug/L		109	80 - 122
1,2-Dichlorobenzene	10.0	10.26		ug/L		103	80 - 120
1,3-Dichlorobenzene	10.0	10.34		ug/L		103	80 - 122
1,4-Dichlorobenzene	10.0	10.39		ug/L		104	80 - 120
Dichlorodifluoromethane	10.0	13.88		ug/L		139	50 - 150
1,1-Dichloroethane	10.0	10.22		ug/L		102	71 - 120
1,2-Dichloroethane	10.0	10.14		ug/L		101	80 - 122
1,1-Dichloroethene	10.0	11.33		ug/L		113	77 - 120
1,2-Dichloropropane	10.0	11.19		ug/L		112	80 - 120
1,3-Dichloropropane	10.0	9.531		ug/L		95	80 - 120
2,2-Dichloropropane	10.0	13.37		ug/L		134	64 - 154
1,1-Dichloropropene	10.0	12.27		ug/L		123	78 - 126
Di-isopropyl ether (DIPE)	10.0	11.10		ug/L		111	73 - 121
Ethylbenzene	10.0	10.14		ug/L		101	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.305		ug/L		93	76 - 124
2-Hexanone	10.0	7.174	J	ug/L		72	67 - 151
Isopropylbenzene	10.0	10.54		ug/L		105	80 - 124
Methylene Chloride	10.0	10.86		ug/L		109	77 - 120
4-Methyl-2-pentanone	10.0	8.457		ug/L		85	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	8.508		ug/L		85	75 - 123
m,p-Xylene	20.0	20.48		ug/L		102	80 - 120
Naphthalene	10.0	8.687		ug/L		87	73 - 139
n-Butylbenzene	10.0	10.96		ug/L		110	80 - 126
N-Propylbenzene	10.0	10.59		ug/L		106	79 - 127
o-Xylene	10.0	10.30		ug/L		103	80 - 120
p-Isopropyltoluene	10.0	11.09		ug/L		111	80 - 120
sec-Butylbenzene	10.0	10.91		ug/L		109	79 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7992/6
Matrix: Water
Analysis Batch: 7992

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Styrene			10.0	10.30		ug/L		103	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	10.26		ug/L		103	80 - 120		
tert-Butyl alcohol (TBA)			50.0	41.20		ug/L		82	80 - 120		
tert-Butylbenzene			10.0	10.97		ug/L		110	80 - 125		
1,1,1,2-Tetrachloroethane			10.0	11.84		ug/L		118	80 - 122		
1,1,2,2-Tetrachloroethane			10.0	9.155		ug/L		92	80 - 121		
Tetrachloroethene			10.0	9.454		ug/L		95	79 - 121		
Toluene			10.0	11.15		ug/L		111	80 - 120		
trans-1,2-Dichloroethene			10.0	11.24		ug/L		112	77 - 125		
trans-1,3-Dichloropropene			10.0	10.06		ug/L		101	80 - 120		
1,2,3-Trichlorobenzene			10.0	9.844		ug/L		98	80 - 122		
1,2,4-Trichlorobenzene			10.0	10.81		ug/L		108	80 - 122		
1,1,1-Trichloroethane			10.0	11.94		ug/L		119	80 - 128		
1,1,2-Trichloroethane			10.0	9.434		ug/L		94	80 - 120		
Trichloroethene			10.0	11.39		ug/L		114	80 - 120		
Trichlorofluoromethane			10.0	14.20	*	ug/L		142	77 - 125		
1,2,3-Trichloropropane			10.0	9.280		ug/L		93	76 - 120		
1,2,4-Trimethylbenzene			10.0	10.82		ug/L		108	80 - 120		
1,3,5-Trimethylbenzene			10.0	10.64		ug/L		106	80 - 122		
Vinyl acetate			10.0	11.04		ug/L		110	74 - 128		
Vinyl chloride			10.0	11.22		ug/L		112	63 - 135		
Hexachloro-1,3-butadiene			10.0	11.45		ug/L		114	80 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*68 - 120*
Dibromofluoromethane	*109*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-7992/7
Matrix: Water
Analysis Batch: 7992

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			10.0	10.79		ug/L		108	50 - 150	9	30
Benzene			10.0	10.95		ug/L		109	80 - 120	2	22
Bromobenzene			10.0	10.38		ug/L		104	80 - 120	4	22
Bromochloromethane			10.0	12.36	*	ug/L		124	75 - 123	7	27
Bromodichloromethane			10.0	11.74		ug/L		117	80 - 121	2	29
Bromoform			10.0	12.96		ug/L		130	74 - 140	6	30
Bromomethane			10.0	10.24		ug/L		102	50 - 150	2	30
2-Butanone			10.0	10.51		ug/L		105	55 - 187	14	30
Carbon disulfide			10.0	11.85		ug/L		119	64 - 130	7	34
Carbon tetrachloride			10.0	13.12	*	ug/L		131	80 - 129	10	36
Chlorobenzene			10.0	10.25		ug/L		102	80 - 120	1	29
Chloroethane			10.0	11.21		ug/L		112	72 - 126	3	30
Chloroform			10.0	11.76		ug/L		118	76 - 124	2	29
Chloromethane			10.0	11.67		ug/L		117	53 - 143	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7992/7
Matrix: Water
Analysis Batch: 7992

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	10.0	10.15		ug/L		101	80 - 124	1	29
4-Chlorotoluene	10.0	10.37		ug/L		104	80 - 122	1	25
cis-1,2-Dichloroethene	10.0	12.07		ug/L		121	75 - 123	1	26
cis-1,3-Dichloropropene	10.0	12.06		ug/L		121	80 - 122	3	30
Dibromochloromethane	10.0	12.32		ug/L		123	79 - 127	6	30
1,2-Dibromo-3-Chloropropane	10.0	10.45		ug/L		105	80 - 124	15	23
1,2-Dibromoethane	10.0	10.44		ug/L		104	80 - 120	11	32
Dibromomethane	10.0	11.15		ug/L		112	80 - 122	3	30
1,2-Dichlorobenzene	10.0	10.37		ug/L		104	80 - 120	1	30
1,3-Dichlorobenzene	10.0	10.17		ug/L		102	80 - 122	2	30
1,4-Dichlorobenzene	10.0	10.14		ug/L		101	80 - 120	2	20
Dichlorodifluoromethane	10.0	10.19	*	ug/L		102	50 - 150	31	30
1,1-Dichloroethane	10.0	10.15		ug/L		102	71 - 120	1	30
1,2-Dichloroethane	10.0	10.42		ug/L		104	80 - 122	3	23
1,1-Dichloroethene	10.0	10.34		ug/L		103	77 - 120	9	26
1,2-Dichloropropane	10.0	11.15		ug/L		112	80 - 120	0	23
1,3-Dichloropropane	10.0	10.22		ug/L		102	80 - 120	7	24
2,2-Dichloropropane	10.0	12.66		ug/L		127	64 - 154	5	30
1,1-Dichloropropene	10.0	11.41		ug/L		114	78 - 126	7	24
Di-isopropyl ether (DIPE)	10.0	11.80		ug/L		118	73 - 121	6	26
Ethylbenzene	10.0	10.06		ug/L		101	80 - 120	1	25
Ethyl-t-butyl ether (ETBE)	10.0	10.27		ug/L		103	76 - 124	10	30
2-Hexanone	10.0	9.242	J	ug/L		92	67 - 151	25	30
Isopropylbenzene	10.0	10.17		ug/L		102	80 - 124	4	30
Methylene Chloride	10.0	11.08		ug/L		111	77 - 120	2	24
4-Methyl-2-pentanone	10.0	9.946		ug/L		99	73 - 127	16	30
Methyl-t-Butyl Ether (MTBE)	10.0	10.05		ug/L		100	75 - 123	17	27
m,p-Xylene	20.0	20.43		ug/L		102	80 - 120	0	30
Naphthalene	10.0	9.696		ug/L		97	73 - 139	11	30
n-Butylbenzene	10.0	10.12		ug/L		101	80 - 126	8	30
N-Propylbenzene	10.0	10.24		ug/L		102	79 - 127	3	30
o-Xylene	10.0	10.35		ug/L		104	80 - 120	1	30
p-Isopropyltoluene	10.0	10.43		ug/L		104	80 - 120	6	22
sec-Butylbenzene	10.0	10.00		ug/L		100	79 - 127	9	30
Styrene	10.0	10.60		ug/L		106	80 - 120	3	24
Tert-amyl-methyl ether (TAME)	10.0	11.23		ug/L		112	80 - 120	9	24
tert-Butyl alcohol (TBA)	50.0	43.67		ug/L		87	80 - 120	6	30
tert-Butylbenzene	10.0	10.14		ug/L		101	80 - 125	8	30
1,1,1,2-Tetrachloroethane	10.0	12.39	*	ug/L		124	80 - 122	4	24
1,1,2,2-Tetrachloroethane	10.0	10.13		ug/L		101	80 - 121	10	30
Tetrachloroethene	10.0	8.797		ug/L		88	79 - 121	7	29
Toluene	10.0	10.96		ug/L		110	80 - 120	2	28
trans-1,2-Dichloroethene	10.0	11.45		ug/L		114	77 - 125	2	30
trans-1,3-Dichloropropene	10.0	10.43		ug/L		104	80 - 120	4	26
1,2,3-Trichlorobenzene	10.0	10.38		ug/L		104	80 - 122	5	30
1,2,4-Trichlorobenzene	10.0	11.02		ug/L		110	80 - 122	2	30
1,1,1-Trichloroethane	10.0	11.43		ug/L		114	80 - 128	4	23
1,1,2-Trichloroethane	10.0	10.33		ug/L		103	80 - 120	9	21
Trichloroethene	10.0	10.92		ug/L		109	80 - 120	4	25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7992/7
Matrix: Water
Analysis Batch: 7992

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichlorofluoromethane			10.0	11.54		ug/L		115	77 - 125	21	30
1,2,3-Trichloropropane			10.0	10.02		ug/L		100	76 - 120	8	30
1,2,4-Trimethylbenzene			10.0	10.44		ug/L		104	80 - 120	4	30
1,3,5-Trimethylbenzene			10.0	10.54		ug/L		105	80 - 122	1	30
Vinyl acetate			10.0	12.15		ug/L		121	74 - 128	10	30
Vinyl chloride			10.0	10.20		ug/L		102	63 - 135	10	30
Hexachloro-1,3-butadiene			10.0	10.47		ug/L		105	80 - 122	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*112*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 570-8078/8
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 17:53	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 17:53	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 17:53	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 17:53	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 17:53	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 17:53	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 17:53	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 17:53	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 17:53	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 17:53	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 17:53	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 17:53	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 17:53	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 17:53	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 17:53	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 17:53	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 17:53	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 17:53	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 17:53	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 17:53	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 17:53	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 17:53	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 17:53	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 17:53	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 17:53	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 17:53	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 17:53	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 17:53	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 17:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-8078/8
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 17:53	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 17:53	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 17:53	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 17:53	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 17:53	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 17:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 17:53	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 17:53	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 17:53	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 17:53	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 17:53	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 17:53	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 17:53	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 17:53	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 17:53	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 17:53	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 17:53	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 17:53	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 17:53	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 17:53	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 17:53	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 17:53	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 17:53	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 17:53	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 17:53	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 17:53	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 17:53	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 17:53	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 17:53	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 17:53	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 17:53	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 17:53	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 17:53	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 17:53	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 17:53	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 17:53	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 17:53	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 17:53	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 17:53	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 17:53	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 17:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*68 - 120*		*07/26/19 17:53*	*1*
Dibromofluoromethane	*104*		*80 - 127*		*07/26/19 17:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 128*		*07/26/19 17:53*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/26/19 17:53*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-8078/4
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	10.41		ug/L		104	50 - 150
Benzene	10.0	10.28		ug/L		103	80 - 120
Bromobenzene	10.0	10.62		ug/L		106	80 - 120
Bromochloromethane	10.0	10.42		ug/L		104	75 - 123
Bromodichloromethane	10.0	10.47		ug/L		105	80 - 121
Bromoform	10.0	9.960		ug/L		100	74 - 140
Bromomethane	10.0	10.40		ug/L		104	50 - 150
2-Butanone	10.0	7.884		ug/L		79	55 - 187
Carbon disulfide	10.0	10.41		ug/L		104	64 - 130
Carbon tetrachloride	10.0	10.10		ug/L		101	80 - 129
Chlorobenzene	10.0	10.30		ug/L		103	80 - 120
Chloroethane	10.0	10.30		ug/L		103	72 - 126
Chloroform	10.0	10.35		ug/L		103	76 - 124
Chloromethane	10.0	10.31		ug/L		103	53 - 143
2-Chlorotoluene	10.0	10.17		ug/L		102	80 - 124
4-Chlorotoluene	10.0	10.01		ug/L		100	80 - 122
cis-1,2-Dichloroethene	10.0	10.37		ug/L		104	75 - 123
cis-1,3-Dichloropropene	10.0	10.04		ug/L		100	80 - 122
Dibromochloromethane	10.0	10.38		ug/L		104	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	8.917		ug/L		89	80 - 124
1,2-Dibromoethane	10.0	10.17		ug/L		102	80 - 120
Dibromomethane	10.0	10.52		ug/L		105	80 - 122
1,2-Dichlorobenzene	10.0	10.33		ug/L		103	80 - 120
1,3-Dichlorobenzene	10.0	10.47		ug/L		105	80 - 122
1,4-Dichlorobenzene	10.0	9.978		ug/L		100	80 - 120
Dichlorodifluoromethane	10.0	8.414		ug/L		84	50 - 150
1,1-Dichloroethane	10.0	9.930		ug/L		99	71 - 120
1,2-Dichloroethane	10.0	10.36		ug/L		104	80 - 122
1,1-Dichloroethene	10.0	10.09		ug/L		101	77 - 120
1,2-Dichloropropane	10.0	9.888		ug/L		99	80 - 120
1,3-Dichloropropane	10.0	10.15		ug/L		101	80 - 120
2,2-Dichloropropane	10.0	10.07		ug/L		101	64 - 154
1,1-Dichloropropene	10.0	9.667		ug/L		97	78 - 126
Di-isopropyl ether (DIPE)	10.0	10.06		ug/L		101	73 - 121
Ethylbenzene	10.0	10.49		ug/L		105	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.378		ug/L		94	76 - 124
2-Hexanone	10.0	9.507	J	ug/L		95	67 - 151
Isopropylbenzene	10.0	10.45		ug/L		104	80 - 124
Methylene Chloride	10.0	10.50		ug/L		105	77 - 120
4-Methyl-2-pentanone	10.0	8.532		ug/L		85	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	9.378		ug/L		94	75 - 123
m,p-Xylene	20.0	21.68		ug/L		108	80 - 120
Naphthalene	10.0	10.18		ug/L		102	73 - 139
n-Butylbenzene	10.0	10.46		ug/L		105	80 - 126
N-Propylbenzene	10.0	10.96		ug/L		110	79 - 127
o-Xylene	10.0	10.53		ug/L		105	80 - 120
p-Isopropyltoluene	10.0	10.26		ug/L		103	80 - 120
sec-Butylbenzene	10.0	10.21		ug/L		102	79 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-8078/4
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Styrene			10.0	11.03		ug/L		110	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	9.635		ug/L		96	80 - 120		
tert-Butyl alcohol (TBA)			50.0	53.91		ug/L		108	80 - 120		
tert-Butylbenzene			10.0	10.15		ug/L		102	80 - 125		
1,1,1,2-Tetrachloroethane			10.0	10.35		ug/L		103	80 - 122		
1,1,2,2-Tetrachloroethane			10.0	9.463		ug/L		95	80 - 121		
Tetrachloroethene			10.0	10.22		ug/L		102	79 - 121		
Toluene			10.0	10.29		ug/L		103	80 - 120		
trans-1,2-Dichloroethene			10.0	10.05		ug/L		100	77 - 125		
trans-1,3-Dichloropropene			10.0	10.30		ug/L		103	80 - 120		
1,2,3-Trichlorobenzene			10.0	10.79		ug/L		108	80 - 122		
1,2,4-Trichlorobenzene			10.0	10.56		ug/L		106	80 - 122		
1,1,1-Trichloroethane			10.0	9.827		ug/L		98	80 - 128		
1,1,2-Trichloroethane			10.0	10.09		ug/L		101	80 - 120		
Trichloroethene			10.0	10.08		ug/L		101	80 - 120		
Trichlorofluoromethane			10.0	9.612		ug/L		96	77 - 125		
1,2,3-Trichloropropane			10.0	10.63		ug/L		106	76 - 120		
1,2,4-Trimethylbenzene			10.0	10.40		ug/L		104	80 - 120		
1,3,5-Trimethylbenzene			10.0	10.79		ug/L		108	80 - 122		
Vinyl acetate			10.0	9.648		ug/L		96	74 - 128		
Vinyl chloride			10.0	9.497		ug/L		95	63 - 135		
Hexachloro-1,3-butadiene			10.0	10.49		ug/L		105	80 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*103*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-8078/5
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			10.0	11.38		ug/L		114	50 - 150	9	30
Benzene			10.0	10.04		ug/L		100	80 - 120	2	22
Bromobenzene			10.0	10.64		ug/L		106	80 - 120	0	22
Bromochloromethane			10.0	9.903		ug/L		99	75 - 123	5	27
Bromodichloromethane			10.0	10.31		ug/L		103	80 - 121	2	29
Bromoform			10.0	10.21		ug/L		102	74 - 140	3	30
Bromomethane			10.0	9.856		ug/L		99	50 - 150	5	30
2-Butanone			10.0	9.745		ug/L		97	55 - 187	21	30
Carbon disulfide			10.0	10.34		ug/L		103	64 - 130	1	34
Carbon tetrachloride			10.0	9.809		ug/L		98	80 - 129	3	36
Chlorobenzene			10.0	10.15		ug/L		101	80 - 120	2	29
Chloroethane			10.0	10.48		ug/L		105	72 - 126	2	30
Chloroform			10.0	9.993		ug/L		100	76 - 124	3	29
Chloromethane			10.0	9.804		ug/L		98	53 - 143	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-8078/5
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene			10.0	9.990		ug/L		100	80 - 124	2	29
4-Chlorotoluene			10.0	10.03		ug/L		100	80 - 122	0	25
cis-1,2-Dichloroethene			10.0	10.10		ug/L		101	75 - 123	3	26
cis-1,3-Dichloropropene			10.0	9.831		ug/L		98	80 - 122	2	30
Dibromochloromethane			10.0	10.35		ug/L		103	79 - 127	0	30
1,2-Dibromo-3-Chloropropane			10.0	9.043		ug/L		90	80 - 124	1	23
1,2-Dibromoethane			10.0	10.03		ug/L		100	80 - 120	1	32
Dibromomethane			10.0	10.25		ug/L		102	80 - 122	3	30
1,2-Dichlorobenzene			10.0	10.09		ug/L		101	80 - 120	2	30
1,3-Dichlorobenzene			10.0	10.45		ug/L		105	80 - 122	0	30
1,4-Dichlorobenzene			10.0	9.836		ug/L		98	80 - 120	1	20
Dichlorodifluoromethane			10.0	8.113		ug/L		81	50 - 150	4	30
1,1-Dichloroethane			10.0	9.798		ug/L		98	71 - 120	1	30
1,2-Dichloroethane			10.0	10.23		ug/L		102	80 - 122	1	23
1,1-Dichloroethene			10.0	9.842		ug/L		98	77 - 120	2	26
1,2-Dichloropropane			10.0	9.902		ug/L		99	80 - 120	0	23
1,3-Dichloropropane			10.0	10.03		ug/L		100	80 - 120	1	24
2,2-Dichloropropane			10.0	9.676		ug/L		97	64 - 154	4	30
1,1-Dichloropropene			10.0	9.445		ug/L		94	78 - 126	2	24
Di-isopropyl ether (DIPE)			10.0	9.895		ug/L		99	73 - 121	2	26
Ethylbenzene			10.0	10.37		ug/L		104	80 - 120	1	25
Ethyl-t-butyl ether (ETBE)			10.0	9.335		ug/L		93	76 - 124	0	30
2-Hexanone			10.0	9.866	J	ug/L		99	67 - 151	4	30
Isopropylbenzene			10.0	10.31		ug/L		103	80 - 124	1	30
Methylene Chloride			10.0	10.40		ug/L		104	77 - 120	1	24
4-Methyl-2-pentanone			10.0	8.533		ug/L		85	73 - 127	0	30
Methyl-t-Butyl Ether (MTBE)			10.0	9.524		ug/L		95	75 - 123	2	27
m,p-Xylene			20.0	21.36		ug/L		107	80 - 120	1	30
Naphthalene			10.0	9.998		ug/L		100	73 - 139	2	30
n-Butylbenzene			10.0	10.34		ug/L		103	80 - 126	1	30
N-Propylbenzene			10.0	10.75		ug/L		108	79 - 127	2	30
o-Xylene			10.0	10.45		ug/L		104	80 - 120	1	30
p-Isopropyltoluene			10.0	9.976		ug/L		100	80 - 120	3	22
sec-Butylbenzene			10.0	10.02		ug/L		100	79 - 127	2	30
Styrene			10.0	10.86		ug/L		109	80 - 120	2	24
Tert-amyl-methyl ether (TAME)			10.0	9.549		ug/L		95	80 - 120	1	24
tert-Butyl alcohol (TBA)			50.0	57.12		ug/L		114	80 - 120	6	30
tert-Butylbenzene			10.0	9.802		ug/L		98	80 - 125	4	30
1,1,1,2-Tetrachloroethane			10.0	10.10		ug/L		101	80 - 122	2	24
1,1,2,2-Tetrachloroethane			10.0	9.526		ug/L		95	80 - 121	1	30
Tetrachloroethene			10.0	12.45	*	ug/L		124	79 - 121	20	29
Toluene			10.0	10.15		ug/L		102	80 - 120	1	28
trans-1,2-Dichloroethene			10.0	9.875		ug/L		99	77 - 125	2	30
trans-1,3-Dichloropropene			10.0	10.07		ug/L		101	80 - 120	2	26
1,2,3-Trichlorobenzene			10.0	10.63		ug/L		106	80 - 122	2	30
1,2,4-Trichlorobenzene			10.0	10.43		ug/L		104	80 - 122	1	30
1,1,1-Trichloroethane			10.0	9.744		ug/L		97	80 - 128	1	23
1,1,2-Trichloroethane			10.0	10.20		ug/L		102	80 - 120	1	21
Trichloroethene			10.0	9.931		ug/L		99	80 - 120	1	25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-8078/5
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichlorofluoromethane			10.0	9.384		ug/L		94	77 - 125	2	30
1,2,3-Trichloropropane			10.0	10.26		ug/L		103	76 - 120	4	30
1,2,4-Trimethylbenzene			10.0	10.30		ug/L		103	80 - 120	1	30
1,3,5-Trimethylbenzene			10.0	10.61		ug/L		106	80 - 122	2	30
Vinyl acetate			10.0	8.073		ug/L		81	74 - 128	18	30
Vinyl chloride			10.0	9.274		ug/L		93	63 - 135	2	30
Hexachloro-1,3-butadiene			10.0	10.33		ug/L		103	80 - 122	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*68 - 120*
Dibromofluoromethane	*103*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260C_SIM - 1,4-Dioxane by SIM

Lab Sample ID: MB 570-8716/7
Matrix: Water
Analysis Batch: 8716

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/30/19 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*101*		*67 - 133*		*07/30/19 12:03*	*1*

Lab Sample ID: LCS 570-8716/4
Matrix: Water
Analysis Batch: 8716

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane			20.0	18.08		ug/L		90	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dichlorobutane (Surr)	*101*		*67 - 133*

Lab Sample ID: LCSD 570-8716/5
Matrix: Water
Analysis Batch: 8716

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			20.0	20.49		ug/L		102	75 - 120	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dichlorobutane (Surr)	*91*		*67 - 133*

Method: 8260C_SIM - 1,4-Dioxane by SIM (Continued)

Lab Sample ID: MB 570-8880/6
Matrix: Water
Analysis Batch: 8880

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/30/19 23:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*99*		*67 - 133*		*07/30/19 23:16*	*1*

Lab Sample ID: LCS 570-8880/3
Matrix: Water
Analysis Batch: 8880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			20.0	22.74		ug/L		114	75 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dichlorobutane (Surr)	*99*		*67 - 133*

Lab Sample ID: LCSD 570-8880/4
Matrix: Water
Analysis Batch: 8880

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			20.0	19.22		ug/L		96	75 - 120	17	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dichlorobutane (Surr)	*104*		*67 - 133*

Method: RSK-175 - Dissolved Gases in Water

Lab Sample ID: MB 570-6568/4
Matrix: Water
Analysis Batch: 6568

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/20/19 10:21	1
Ethylene	ND		1.0	0.051	ug/L			07/20/19 10:21	1
Methane	ND		1.0	0.0080	ug/L			07/20/19 10:21	1

Lab Sample ID: LCS 570-6568/2
Matrix: Water
Analysis Batch: 6568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethane			26.3	23.33		ug/L		89	80 - 120		
Ethylene			33.2	29.43		ug/L		89	80 - 120		
Methane			13.6	11.67		ug/L		86	80 - 120		

Method: RSK-175 - Dissolved Gases in Water (Continued)

Lab Sample ID: LCSD 570-6568/3
Matrix: Water
Analysis Batch: 6568

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethane			26.3	23.27		ug/L		89	80 - 120	0	20
Ethylene			33.2	29.35		ug/L		88	80 - 120	0	20
Methane			13.6	11.64		ug/L		86	80 - 120	0	20

Lab Sample ID: MB 570-6801/4
Matrix: Water
Analysis Batch: 6801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 12:22	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 12:22	1
Methane	ND		1.0	0.0080	ug/L			07/22/19 12:22	1

Lab Sample ID: LCS 570-6801/2
Matrix: Water
Analysis Batch: 6801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethane			26.3	23.13		ug/L		88	80 - 120
Ethylene			33.2	29.14		ug/L		88	80 - 120
Methane			13.6	11.54		ug/L		85	80 - 120

Lab Sample ID: LCSD 570-6801/3
Matrix: Water
Analysis Batch: 6801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethane			26.3	23.09		ug/L		88	80 - 120	0	20
Ethylene			33.2	29.11		ug/L		88	80 - 120	0	20
Methane			13.6	11.54		ug/L		85	80 - 120	0	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-6538/5
Matrix: Water
Analysis Batch: 6538

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.045	mg/L			07/20/19 12:30	1

Lab Sample ID: LCS 570-6538/6
Matrix: Water
Analysis Batch: 6538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N			5.00	5.029		mg/L		101	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 570-2373-L-10 MS
Matrix: Water
Analysis Batch: 6538

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	11	E F1	5.00	17.20	E F1	mg/L		123	80 - 120		

Lab Sample ID: 570-2373-L-10 MSD
Matrix: Water
Analysis Batch: 6538

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	11	E F1	5.00	17.46	E F1	mg/L		129	80 - 120	1	20

Lab Sample ID: MB 570-6539/5
Matrix: Water
Analysis Batch: 6539

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.49	mg/L			07/20/19 12:30	1
Sulfate	ND		1.0	0.49	mg/L			07/20/19 12:30	1

Lab Sample ID: LCS 570-6539/6
Matrix: Water
Analysis Batch: 6539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	50.0	49.57		mg/L		99	90 - 110		
Sulfate	50.0	50.51		mg/L		101	90 - 110		

Lab Sample ID: 570-2373-L-10 MS
Matrix: Water
Analysis Batch: 6539

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	45	F1	50.0	104.6	E	mg/L		120	80 - 120		
Sulfate	220	E	50.0	285.4	E 4	mg/L		137	80 - 120		

Lab Sample ID: 570-2373-L-10 MSD
Matrix: Water
Analysis Batch: 6539

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	45	F1	50.0	106.5	E F1	mg/L		124	80 - 120	2	20
Sulfate	220	E	50.0	287.1	E 4	mg/L		140	80 - 120	1	20

Lab Sample ID: MB 570-6887/7
Matrix: Water
Analysis Batch: 6887

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.045	mg/L			07/22/19 18:03	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 570-6887/8
Matrix: Water
Analysis Batch: 6887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N			5.00	4.974		mg/L		99	90 - 110		

Lab Sample ID: 570-2388-B-1 MS
Matrix: Water
Analysis Batch: 6887

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	0.95		5.00	5.882		mg/L		99	80 - 120		

Lab Sample ID: 570-2388-B-1 MSD
Matrix: Water
Analysis Batch: 6887

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.95		5.00	5.952		mg/L		100	80 - 120	1	20

Lab Sample ID: MB 570-6888/7
Matrix: Water
Analysis Batch: 6888

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.49	mg/L			07/22/19 18:03	1
Sulfate	ND		1.0	0.49	mg/L			07/22/19 18:03	1

Lab Sample ID: LCS 570-6888/8
Matrix: Water
Analysis Batch: 6888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			50.0	50.05		mg/L		100	90 - 110		
Sulfate			50.0	50.54		mg/L		101	90 - 110		

Lab Sample ID: 570-2388-B-1 MS
Matrix: Water
Analysis Batch: 6888

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1300	E	50.0	1332	E 4	mg/L		65	80 - 120		
Sulfate	560	E	50.0	622.5	E 4	mg/L		134	80 - 120		

Lab Sample ID: 570-2388-B-1 MSD
Matrix: Water
Analysis Batch: 6888

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1300	E	50.0	1331	E 4	mg/L		63	80 - 120	0	20
Sulfate	560	E	50.0	622.4	E 4	mg/L		133	80 - 120	0	20

Method: VFA - HPLC - Volatile Fatty Acids (HPLC/UV)

Lab Sample ID: MB 570-7271/3
Matrix: Water
Analysis Batch: 7271

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	ND		4.0	1.2	mg/L			07/23/19 20:21	1
Butyric acid	ND		4.0	1.2	mg/L			07/23/19 20:21	1
Lactic acid	ND		4.0	0.89	mg/L			07/23/19 20:21	1
Propionic acid	ND		4.0	0.83	mg/L			07/23/19 20:21	1
Pyruvic Acid	ND		0.50	0.064	mg/L			07/23/19 20:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromopropanoic acid	*105*		*74 - 122*		*07/23/19 20:21*	*1*

Lab Sample ID: LCS 570-7271/25
Matrix: Water
Analysis Batch: 7271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetic acid			20.0	19.50		mg/L		97	71 - 131		
Butyric acid			20.0	22.15		mg/L		111	78 - 132		
Lactic acid			20.0	20.51		mg/L		103	70 - 130		
Propionic acid			20.0	17.96		mg/L		90	66 - 126		
Pyruvic Acid			2.00	1.601		mg/L		80	65 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromopropanoic acid	*108*		*74 - 122*

Lab Sample ID: LCS 570-7271/4
Matrix: Water
Analysis Batch: 7271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetic acid			20.0	18.07		mg/L		90	71 - 131		
Butyric acid			20.0	18.06		mg/L		90	78 - 132		
Lactic acid			20.0	20.04		mg/L		100	70 - 130		
Propionic acid			20.0	17.75		mg/L		89	66 - 126		
Pyruvic Acid			2.00	1.515		mg/L		76	65 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromopropanoic acid	*104*		*74 - 122*

Lab Sample ID: 570-2371-1 MS
Matrix: Water
Analysis Batch: 7271

Client Sample ID: SZO-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetic acid	900	E	20.0	905.8	E 4	mg/L		19	71 - 131		
Butyric acid	1200	E	20.0	1229	E 4	mg/L		52	78 - 132		
Lactic acid	ND		20.0	21.02		mg/L		105	70 - 130		
Propionic acid	98	E	20.0	106.0	E 4	mg/L		40	66 - 126		
Pyruvic Acid	ND	F1	2.00	1.064	F1	mg/L		53	65 - 131		

Method: VFA - HPLC - Volatile Fatty Acids (HPLC/UV) (Continued)

Lab Sample ID: 570-2371-1 MS
Matrix: Water
Analysis Batch: 7271

Client Sample ID: SZO-1
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromopropanoic acid	108		74 - 122

Lab Sample ID: 570-2371-1 MSD
Matrix: Water
Analysis Batch: 7271

Client Sample ID: SZO-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetic acid	900	E	20.0	908.3	E 4	mg/L		31	71 - 131	0	30
Butyric acid	1200	E	20.0	1222	E 4	mg/L		18	78 - 132	1	30
Lactic acid	ND		20.0	21.93		mg/L		110	70 - 130	4	30
Propionic acid	98	E	20.0	116.1	E 4	mg/L		91	66 - 126	9	30
Pyruvic Acid	ND	F1	2.00	1.116	F1	mg/L		56	65 - 131	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromopropanoic acid	114		74 - 122

Lab Sample ID: MB 570-8906/39
Matrix: Water
Analysis Batch: 8906

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	ND		4.0	1.2	mg/L			07/31/19 01:21	1
Butyric acid	ND		4.0	1.2	mg/L			07/31/19 01:21	1
Lactic acid	ND		4.0	0.89	mg/L			07/31/19 01:21	1
Propionic acid	ND		4.0	0.83	mg/L			07/31/19 01:21	1
Pyruvic Acid	ND		0.50	0.064	mg/L			07/31/19 01:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromopropanoic acid	107		74 - 122		07/31/19 01:21	1

Lab Sample ID: LCS 570-8906/40
Matrix: Water
Analysis Batch: 8906

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetic acid	20.0	19.79		mg/L		99	71 - 131
Butyric acid	20.0	23.01		mg/L		115	78 - 132
Lactic acid	20.0	19.18		mg/L		96	70 - 130
Propionic acid	20.0	18.99		mg/L		95	66 - 126
Pyruvic Acid	2.00	1.716		mg/L		86	65 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromopropanoic acid	98		74 - 122

Method: VFA - HPLC - Volatile Fatty Acids (HPLC/UV) (Continued)

Lab Sample ID: LCSD 570-8906/41
Matrix: Water
Analysis Batch: 8906

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetic acid			20.0	19.37		mg/L		97	71 - 131	2	20
Butyric acid			20.0	21.11		mg/L		106	78 - 132	9	20
Lactic acid			20.0	20.07		mg/L		100	70 - 130	5	20
Propionic acid			20.0	19.14		mg/L		96	66 - 126	1	20
Pyruvic Acid			2.00	1.716		mg/L		86	65 - 131	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromopropanoic acid	*100*		*74 - 122*

Lab Sample ID: 570-2677-A-1 MS
Matrix: Water
Analysis Batch: 8906

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetic acid	32		20.0	49.57	E	mg/L		88	71 - 131		
Butyric acid	ND	F1	20.0	26.43		mg/L		132	78 - 132		
Lactic acid	ND		20.0	14.03		mg/L		70	70 - 130		
Propionic acid	3.6	J	20.0	20.24		mg/L		83	66 - 126		
Pyruvic Acid	0.11	J F1	2.00	1.030	F1	mg/L		46	65 - 131		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromopropanoic acid	*90*		*74 - 122*

Lab Sample ID: 570-2677-A-1 MSD
Matrix: Water
Analysis Batch: 8906

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetic acid	32		20.0	51.74	E	mg/L		99	71 - 131	4	30
Butyric acid	ND	F1	20.0	29.83	F1	mg/L		149	78 - 132	12	30
Lactic acid	ND		20.0	15.07		mg/L		75	70 - 130	7	30
Propionic acid	3.6	J	20.0	21.08		mg/L		87	66 - 126	4	30
Pyruvic Acid	0.11	J F1	2.00	1.069	F1	mg/L		48	65 - 131	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromopropanoic acid	*95*		*74 - 122*

Lab Sample ID: MB 570-9781/3
Matrix: Water
Analysis Batch: 9781

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	ND		4.0	1.2	mg/L			08/02/19 18:50	1
Butyric acid	ND		4.0	1.2	mg/L			08/02/19 18:50	1
Lactic acid	ND		4.0	0.89	mg/L			08/02/19 18:50	1
Propionic acid	ND		4.0	0.83	mg/L			08/02/19 18:50	1
Pyruvic Acid	ND		0.50	0.064	mg/L			08/02/19 18:50	1

Method: VFA - HPLC - Volatile Fatty Acids (HPLC/UV) (Continued)

Lab Sample ID: MB 570-9781/3
Matrix: Water
Analysis Batch: 9781

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromopropanoic acid	100		74 - 122		08/02/19 18:50	1

Lab Sample ID: LCS 570-9781/4
Matrix: Water
Analysis Batch: 9781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetic acid			20.0	20.66		mg/L		103	71 - 131		
Butyric acid			20.0	18.98		mg/L		95	78 - 132		
Lactic acid			20.0	19.79		mg/L		99	70 - 130		
Propionic acid			20.0	19.41		mg/L		97	66 - 126		
Pyruvic Acid			2.00	1.705		mg/L		85	65 - 131		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromopropanoic acid	98		74 - 122

Lab Sample ID: 570-2783-K-1 MS
Matrix: Water
Analysis Batch: 9781

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetic acid	ND	F1	20.0	14.10	F1	mg/L		70	71 - 131		
Butyric acid	ND		20.0	18.12		mg/L		91	78 - 132		
Lactic acid	ND	F1	20.0	13.09	F1	mg/L		65	70 - 130		
Propionic acid	ND		20.0	18.37		mg/L		92	66 - 126		
Pyruvic Acid	ND	F1	2.00	0.9766	F1	mg/L		49	65 - 131		

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromopropanoic acid	104		74 - 122

Lab Sample ID: 570-2783-K-1 MSD
Matrix: Water
Analysis Batch: 9781

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetic acid	ND	F1	20.0	13.60	F1	mg/L		68	71 - 131	4	30
Butyric acid	ND		20.0	17.54		mg/L		88	78 - 132	3	30
Lactic acid	ND	F1	20.0	12.99	F1	mg/L		65	70 - 130	1	30
Propionic acid	ND		20.0	18.33		mg/L		92	66 - 126	0	30
Pyruvic Acid	ND	F1	2.00	0.9595	F1	mg/L		48	65 - 131	2	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromopropanoic acid	100		74 - 122

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-8400/1-A
Matrix: Water
Analysis Batch: 10259

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8400

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.500	0.123	mg/L		07/28/19 08:00	08/04/19 20:41	1

Lab Sample ID: LCS 570-8400/2-A
Matrix: Water
Analysis Batch: 10259

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8400

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.500	0.5731		mg/L		115	80 - 120

Lab Sample ID: LCSD 570-8400/3-A
Matrix: Water
Analysis Batch: 10259

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8400

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.500	0.5639		mg/L		113	80 - 120	2	20

Lab Sample ID: 570-2360-A-1-B MS
Matrix: Water
Analysis Batch: 10259

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 8400

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	ND		0.500	0.5274		mg/L		105	65 - 149

Lab Sample ID: 570-2360-A-1-C MSD
Matrix: Water
Analysis Batch: 10259

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 8400

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	ND		0.500	0.5353		mg/L		107	65 - 149	1	21

Lab Sample ID: MB 570-8432/1-A
Matrix: Water
Analysis Batch: 9808

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 8432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.500	0.123	mg/L		07/28/19 10:00	08/02/19 15:00	1
Manganese	0.004713	J	0.0500	0.00405	mg/L		07/28/19 10:00	08/02/19 15:00	1

Lab Sample ID: LCS 570-8432/2-A
Matrix: Water
Analysis Batch: 9808

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 8432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.500	0.5401		mg/L		108	80 - 120
Manganese	0.500	0.4972		mg/L		99	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-8432/3-A
Matrix: Water
Analysis Batch: 9808

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 8432

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron			0.500	0.5524		mg/L		110	80 - 120	2	20
Manganese			0.500	0.5061		mg/L		101	80 - 120	2	20

Lab Sample ID: 570-2371-1 MS
Matrix: Water
Analysis Batch: 9808

Client Sample ID: SZO-1
Prep Type: Dissolved
Prep Batch: 8432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	68.4		0.500	68.08	4	mg/L		-74	65 - 149
Manganese	3.35	B	0.500	3.783	4	mg/L		86	86 - 116

Lab Sample ID: 570-2371-1 MSD
Matrix: Water
Analysis Batch: 9808

Client Sample ID: SZO-1
Prep Type: Dissolved
Prep Batch: 8432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	68.4		0.500	68.07	4	mg/L		-76	65 - 149	0	21
Manganese	3.35	B	0.500	3.779	4	mg/L		85	86 - 116	0	7

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-6918/10
Matrix: Water
Analysis Batch: 6918

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	1.69	mg/L			07/22/19 13:42	1

Lab Sample ID: LCS 570-6918/8
Matrix: Water
Analysis Batch: 6918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total (As CaCO3)			100	99.06		mg/L		99	80 - 120

Lab Sample ID: LCSD 570-6918/9
Matrix: Water
Analysis Batch: 6918

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)			100	96.38		mg/L		96	80 - 120	3	20

Lab Sample ID: 570-2245-A-3 DU
Matrix: Water
Analysis Batch: 6918

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total (As CaCO3)	365			365.7		mg/L				0.3	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-8942/1
Matrix: Water
Analysis Batch: 8942

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		1.00	0.870	mg/L			07/30/19 13:00	1

Lab Sample ID: LCS 570-8942/2
Matrix: Water
Analysis Batch: 8942

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			100	100.0		mg/L		100	84 - 108		

Lab Sample ID: LCSD 570-8942/3
Matrix: Water
Analysis Batch: 8942

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids			100	95.00		mg/L		95	84 - 108	5	10

Lab Sample ID: 570-2259-L-5 DU
Matrix: Water
Analysis Batch: 8942

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	880			800.0		mg/L				10	10

Method: SM 5310D - Organic Carbon, Total (TOC)

Lab Sample ID: MB 570-6822/62
Matrix: Water
Analysis Batch: 6822

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon, Total Organic	ND		0.500	0.0259	mg/L			07/20/19 20:34	1

Lab Sample ID: LCS 570-6822/63
Matrix: Water
Analysis Batch: 6822

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Carbon, Total Organic			5.00	4.680		mg/L		94	85 - 115		

Lab Sample ID: LCSD 570-6822/64
Matrix: Water
Analysis Batch: 6822

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon, Total Organic			5.00	4.830		mg/L		97	85 - 115	3	20

Method: SM 5310D - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 570-2339-A-4 MS
Matrix: Water
Analysis Batch: 6822

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Carbon, Total Organic	1.27		5.00	5.821		mg/L		91	31 - 145		

Lab Sample ID: 570-2339-A-4 MSD
Matrix: Water
Analysis Batch: 6822

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon, Total Organic	1.27		5.00	5.790		mg/L		90	31 - 145	1	20

Lab Sample ID: MB 570-7058/4
Matrix: Water
Analysis Batch: 7058

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon, Total Organic	0.1260	J	0.500	0.0259	mg/L			07/22/19 13:45	1

Lab Sample ID: LCS 570-7058/5
Matrix: Water
Analysis Batch: 7058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Carbon, Total Organic			5.00	4.768		mg/L		95	85 - 115		

Lab Sample ID: LCSD 570-7058/6
Matrix: Water
Analysis Batch: 7058

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon, Total Organic			5.00	4.626		mg/L		93	85 - 115	3	20

Lab Sample ID: 570-2421-B-2 MS
Matrix: Water
Analysis Batch: 7058

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Carbon, Total Organic	1.80	B	5.00	6.418		mg/L		92	31 - 145		

Lab Sample ID: 570-2421-B-2 MSD
Matrix: Water
Analysis Batch: 7058

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon, Total Organic	1.80	B	5.00	6.370		mg/L		91	31 - 145	1	20

Marginal Exceedance (ME) Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCSD 570-10351/4
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Acetone	10.0	10.33		ug/L	103	50 - 150	33 - 167	
Benzene	10.0	10.46		ug/L	105	80 - 120	73 - 127	
Bromobenzene	10.0	10.91		ug/L	109	80 - 120	73 - 127	
Bromochloromethane	10.0	10.13		ug/L	101	75 - 123	67 - 131	
Bromodichloromethane	10.0	10.43		ug/L	104	80 - 121	73 - 128	
Bromoform	10.0	9.797		ug/L	98	74 - 140	63 - 151	
Bromomethane	10.0	9.589		ug/L	96	50 - 150	33 - 167	
2-Butanone	10.0	8.640		ug/L	86	55 - 187	33 - 209	
Carbon disulfide	10.0	10.15		ug/L	102	64 - 130	53 - 141	
Carbon tetrachloride	10.0	10.16		ug/L	102	80 - 129	72 - 137	
Chlorobenzene	10.0	10.59		ug/L	106	80 - 120	73 - 127	
Chloroethane	10.0	11.16		ug/L	112	72 - 126	63 - 135	
Chloroform	10.0	10.34		ug/L	103	76 - 124	68 - 132	
Chloromethane	10.0	10.53		ug/L	105	53 - 143	38 - 158	
2-Chlorotoluene	10.0	10.57		ug/L	106	80 - 124	73 - 131	
4-Chlorotoluene	10.0	10.38		ug/L	104	80 - 122	73 - 129	
cis-1,2-Dichloroethene	10.0	10.42		ug/L	104	75 - 123	67 - 131	
cis-1,3-Dichloropropene	10.0	9.891		ug/L	99	80 - 122	73 - 129	
Dibromochloromethane	10.0	10.45		ug/L	105	79 - 127	71 - 135	
1,2-Dibromo-3-Chloropropane	10.0	9.432		ug/L	94	80 - 124	73 - 131	
1,2-Dibromoethane	10.0	10.45		ug/L	105	80 - 120	73 - 127	
Dibromomethane	10.0	10.33		ug/L	103	80 - 122	73 - 129	
1,2-Dichlorobenzene	10.0	10.53		ug/L	105	80 - 120	73 - 127	
1,3-Dichlorobenzene	10.0	10.38		ug/L	104	80 - 122	73 - 129	
1,4-Dichlorobenzene	10.0	9.790		ug/L	98	80 - 120	73 - 127	
Dichlorodifluoromethane	10.0	9.344		ug/L	93	50 - 150	33 - 167	
1,1-Dichloroethane	10.0	10.20		ug/L	102	71 - 120	63 - 128	
1,2-Dichloroethane	10.0	10.11		ug/L	101	80 - 122	73 - 127	
1,1-Dichloroethene	10.0	10.31		ug/L	103	77 - 120	70 - 127	
1,2-Dichloropropane	10.0	10.39		ug/L	104	80 - 120	73 - 127	
1,3-Dichloropropane	10.0	10.43		ug/L	104	80 - 120	73 - 127	
2,2-Dichloropropane	10.0	7.660		ug/L	77	64 - 154	49 - 169	
1,1-Dichloropropene	10.0	10.25		ug/L	103	78 - 126	70 - 134	
Di-isopropyl ether (DIPE)	10.0	10.00		ug/L	100	73 - 121	65 - 129	
Ethanol	100	143.5	* me	ug/L	143	73 - 133	63 - 143	ME
Ethylbenzene	10.0	10.91		ug/L	109	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	10.0	9.628		ug/L	96	76 - 124	68 - 132	
2-Hexanone	10.0	9.170	J	ug/L	92	67 - 151	53 - 165	
Isopropylbenzene	10.0	11.15		ug/L	111	80 - 124	73 - 131	
Methylene Chloride	10.0	10.21		ug/L	102	77 - 120	70 - 127	
4-Methyl-2-pentanone	10.0	8.838		ug/L	88	73 - 127	64 - 136	
Methyl-t-Butyl Ether (MTBE)	10.0	9.944		ug/L	99	75 - 123	67 - 131	
m,p-Xylene	20.0	22.39		ug/L	112	80 - 120	73 - 127	
Naphthalene	10.0	10.31		ug/L	103	73 - 139	62 - 150	
n-Butylbenzene	10.0	10.42		ug/L	104	80 - 126	72 - 134	
N-Propylbenzene	10.0	11.22		ug/L	112	79 - 127	71 - 135	
o-Xylene	10.0	11.20		ug/L	112	80 - 120	73 - 127	
p-Isopropyltoluene	10.0	10.28		ug/L	103	80 - 120	73 - 127	
sec-Butylbenzene	10.0	10.41		ug/L	104	79 - 127	71 - 135	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-10351/4
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Styrene	10.0	11.14		ug/L	111	80 - 120	73 - 127	
Tert-amyl-methyl ether (TAME)	10.0	9.971		ug/L	100	80 - 120	73 - 127	
tert-Butyl alcohol (TBA)	50.0	49.83		ug/L	100	80 - 120	73 - 127	
tert-Butylbenzene	10.0	10.57		ug/L	106	80 - 125	73 - 133	
1,1,1,2-Tetrachloroethane	10.0	10.71		ug/L	107	80 - 122	73 - 129	
1,1,2,2-Tetrachloroethane	10.0	9.632		ug/L	96	80 - 121	73 - 128	
Tetrachloroethene	10.0	10.31		ug/L	103	79 - 121	72 - 128	
Toluene	10.0	10.53		ug/L	105	80 - 120	73 - 127	
trans-1,2-Dichloroethene	10.0	10.19		ug/L	102	77 - 125	69 - 133	
trans-1,3-Dichloropropene	10.0	10.00		ug/L	100	80 - 120	73 - 127	
1,2,3-Trichlorobenzene	10.0	10.65		ug/L	106	80 - 122	73 - 129	
1,2,4-Trichlorobenzene	10.0	10.28		ug/L	103	80 - 122	73 - 129	
1,1,1-Trichloroethane	10.0	10.30		ug/L	103	80 - 128	72 - 136	
1,1,2-Trichloroethane	10.0	10.46		ug/L	105	80 - 120	73 - 127	
Trichloroethene	10.0	10.11		ug/L	101	80 - 120	73 - 127	
Trichlorofluoromethane	10.0	10.44		ug/L	104	77 - 125	69 - 133	
1,2,3-Trichloropropane	10.0	10.23		ug/L	102	76 - 120	69 - 127	
1,2,4-Trimethylbenzene	10.0	10.76		ug/L	108	80 - 120	73 - 127	
1,3,5-Trimethylbenzene	10.0	11.05		ug/L	110	80 - 122	73 - 129	
Vinyl acetate	10.0	8.127		ug/L	81	74 - 128	65 - 137	
Vinyl chloride	10.0	10.19		ug/L	102	63 - 135	51 - 147	
Hexachloro-1,3-butadiene	10.0	9.806		ug/L	98	80 - 122	73 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
71	4	1

ME = Marginal Exceedance

Lab Sample ID: LCS 570-7687/4
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Acetone	10.0	10.52		ug/L	105	50 - 150	N/A	
Benzene	10.0	9.966		ug/L	100	80 - 120	N/A	
Bromobenzene	10.0	9.873		ug/L	99	80 - 120	N/A	
Bromochloromethane	10.0	10.86		ug/L	109	75 - 123	N/A	
Bromodichloromethane	10.0	11.16		ug/L	112	80 - 121	N/A	
Bromoform	10.0	14.37	*	ug/L	144	74 - 140	N/A	X
Bromomethane	10.0	10.03		ug/L	100	50 - 150	N/A	
2-Butanone	10.0	9.636		ug/L	96	55 - 187	N/A	
Carbon disulfide	10.0	10.96		ug/L	110	64 - 130	N/A	
Carbon tetrachloride	10.0	12.76		ug/L	128	80 - 129	N/A	
Chlorobenzene	10.0	10.10		ug/L	101	80 - 120	N/A	
Chloroethane	10.0	10.34		ug/L	103	72 - 126	N/A	
Chloroform	10.0	10.37		ug/L	104	76 - 124	N/A	
Chloromethane	10.0	10.63		ug/L	106	53 - 143	N/A	
2-Chlorotoluene	10.0	9.977		ug/L	100	80 - 124	N/A	
4-Chlorotoluene	10.0	10.33		ug/L	103	80 - 122	N/A	
cis-1,2-Dichloroethene	10.0	10.71		ug/L	107	75 - 123	N/A	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7687/4 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
cis-1,3-Dichloropropene	10.0	11.83		ug/L	118	80 - 122	N/A	
Dibromochloromethane	10.0	12.89	*	ug/L	129	79 - 127	N/A	X
1,2-Dibromo-3-Chloropropane	10.0	11.99		ug/L	120	80 - 124	N/A	
1,2-Dibromoethane	10.0	10.23		ug/L	102	80 - 120	N/A	
Dibromomethane	10.0	10.61		ug/L	106	80 - 122	N/A	
1,2-Dichlorobenzene	10.0	10.30		ug/L	103	80 - 120	N/A	
1,3-Dichlorobenzene	10.0	9.978		ug/L	100	80 - 122	N/A	
1,4-Dichlorobenzene	10.0	9.994		ug/L	100	80 - 120	N/A	
Dichlorodifluoromethane	10.0	10.80		ug/L	108	50 - 150	N/A	
1,1-Dichloroethane	10.0	9.333		ug/L	93	71 - 120	N/A	
1,2-Dichloroethane	10.0	10.27		ug/L	103	80 - 122	N/A	
1,1-Dichloroethene	10.0	9.604		ug/L	96	77 - 120	N/A	
1,2-Dichloropropane	10.0	10.41		ug/L	104	80 - 120	N/A	
1,3-Dichloropropane	10.0	10.14		ug/L	101	80 - 120	N/A	
2,2-Dichloropropane	10.0	11.87		ug/L	119	64 - 154	N/A	
1,1-Dichloropropene	10.0	10.42		ug/L	104	78 - 126	N/A	
Di-isopropyl ether (DIPE)	10.0	10.47		ug/L	105	73 - 121	N/A	
Ethylbenzene	10.0	9.835		ug/L	98	80 - 120	N/A	
Ethyl-t-butyl ether (ETBE)	10.0	9.871		ug/L	99	76 - 124	N/A	
2-Hexanone	10.0	9.069	J	ug/L	91	67 - 151	N/A	
Isopropylbenzene	10.0	10.03		ug/L	100	80 - 124	N/A	
Methylene Chloride	10.0	9.776		ug/L	98	77 - 120	N/A	
4-Methyl-2-pentanone	10.0	9.648		ug/L	96	73 - 127	N/A	
Methyl-t-Butyl Ether (MTBE)	10.0	9.409		ug/L	94	75 - 123	N/A	
m,p-Xylene	20.0	20.09		ug/L	100	80 - 120	N/A	
Naphthalene	10.0	9.947		ug/L	99	73 - 139	N/A	
n-Butylbenzene	10.0	10.05		ug/L	100	80 - 126	N/A	
N-Propylbenzene	10.0	10.07		ug/L	101	79 - 127	N/A	
o-Xylene	10.0	10.16		ug/L	102	80 - 120	N/A	
p-Isopropyltoluene	10.0	10.42		ug/L	104	80 - 120	N/A	
sec-Butylbenzene	10.0	10.04		ug/L	100	79 - 127	N/A	
Styrene	10.0	10.14		ug/L	101	80 - 120	N/A	
Tert-amyl-methyl ether (TAME)	10.0	11.37		ug/L	114	80 - 120	N/A	
tert-Butyl alcohol (TBA)	50.0	46.81		ug/L	94	80 - 120	N/A	
tert-Butylbenzene	10.0	10.32		ug/L	103	80 - 125	N/A	
1,1,1,2-Tetrachloroethane	10.0	12.58	*	ug/L	126	80 - 122	N/A	X
1,1,2,2-Tetrachloroethane	10.0	10.45		ug/L	105	80 - 121	N/A	
Tetrachloroethene	10.0	9.071		ug/L	91	79 - 121	N/A	
Toluene	10.0	9.993		ug/L	100	80 - 120	N/A	
trans-1,2-Dichloroethene	10.0	9.932		ug/L	99	77 - 125	N/A	
trans-1,3-Dichloropropene	10.0	11.34		ug/L	113	80 - 120	N/A	
1,2,3-Trichlorobenzene	10.0	10.47		ug/L	105	80 - 122	N/A	
1,2,4-Trichlorobenzene	10.0	10.84		ug/L	108	80 - 122	N/A	
1,1,1-Trichloroethane	10.0	10.64		ug/L	106	80 - 128	N/A	
1,1,2-Trichloroethane	10.0	10.05		ug/L	101	80 - 120	N/A	
Trichloroethene	10.0	9.960		ug/L	100	80 - 120	N/A	
Trichlorofluoromethane	10.0	11.42		ug/L	114	77 - 125	N/A	
1,2,3-Trichloropropane	10.0	11.45		ug/L	115	76 - 120	N/A	
1,2,4-Trimethylbenzene	10.0	10.33		ug/L	103	80 - 120	N/A	
1,3,5-Trimethylbenzene	10.0	10.16		ug/L	102	80 - 122	N/A	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7687/4
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Vinyl acetate	10.0	11.04		ug/L	110	74 - 128	N/A	
Vinyl chloride	10.0	10.26		ug/L	103	63 - 135	N/A	
Hexachloro-1,3-butadiene	10.0	10.57		ug/L	106	80 - 122	73 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
70	3	0

X = % Recovery is greater than widest possible limit

Lab Sample ID: LCSD 570-7687/5
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Acetone	10.0	10.96		ug/L	110	50 - 150	N/A	
Benzene	10.0	9.417		ug/L	94	80 - 120	N/A	
Bromobenzene	10.0	9.817		ug/L	98	80 - 120	N/A	
Bromochloromethane	10.0	10.60		ug/L	106	75 - 123	N/A	
Bromodichloromethane	10.0	10.86		ug/L	109	80 - 121	N/A	
Bromoform	10.0	14.91	*	ug/L	149	74 - 140	N/A	X
Bromomethane	10.0	9.185		ug/L	92	50 - 150	N/A	
2-Butanone	10.0	10.18		ug/L	102	55 - 187	N/A	
Carbon disulfide	10.0	10.45		ug/L	104	64 - 130	N/A	
Carbon tetrachloride	10.0	12.09		ug/L	121	80 - 129	N/A	
Chlorobenzene	10.0	9.791		ug/L	98	80 - 120	N/A	
Chloroethane	10.0	9.688		ug/L	97	72 - 126	N/A	
Chloroform	10.0	10.06		ug/L	101	76 - 124	N/A	
Chloromethane	10.0	9.965		ug/L	100	53 - 143	N/A	
2-Chlorotoluene	10.0	9.730		ug/L	97	80 - 124	N/A	
4-Chlorotoluene	10.0	10.03		ug/L	100	80 - 122	N/A	
cis-1,2-Dichloroethene	10.0	10.32		ug/L	103	75 - 123	N/A	
cis-1,3-Dichloropropene	10.0	11.32		ug/L	113	80 - 122	N/A	
Dibromochloromethane	10.0	12.83	*	ug/L	128	79 - 127	N/A	X
1,2-Dibromo-3-Chloropropane	10.0	12.30		ug/L	123	80 - 124	N/A	
1,2-Dibromoethane	10.0	10.50		ug/L	105	80 - 120	N/A	
Dibromomethane	10.0	10.32		ug/L	103	80 - 122	N/A	
1,2-Dichlorobenzene	10.0	10.12		ug/L	101	80 - 120	N/A	
1,3-Dichlorobenzene	10.0	9.867		ug/L	99	80 - 122	N/A	
1,4-Dichlorobenzene	10.0	9.850		ug/L	99	80 - 120	N/A	
Dichlorodifluoromethane	10.0	10.24		ug/L	102	50 - 150	N/A	
1,1-Dichloroethane	10.0	9.008		ug/L	90	71 - 120	N/A	
1,2-Dichloroethane	10.0	9.986		ug/L	100	80 - 122	N/A	
1,1-Dichloroethene	10.0	9.094		ug/L	91	77 - 120	N/A	
1,2-Dichloropropane	10.0	10.12		ug/L	101	80 - 120	N/A	
1,3-Dichloropropane	10.0	10.36		ug/L	104	80 - 120	N/A	
2,2-Dichloropropane	10.0	11.30		ug/L	113	64 - 154	N/A	
1,1-Dichloropropene	10.0	10.03		ug/L	100	78 - 126	N/A	
Di-isopropyl ether (DIPE)	10.0	10.31		ug/L	103	73 - 121	N/A	
Ethylbenzene	10.0	9.599		ug/L	96	80 - 120	N/A	
Ethyl-t-butyl ether (ETBE)	10.0	9.910		ug/L	99	76 - 124	N/A	

Marginal Exceedance (ME) Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7687/5
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
2-Hexanone	10.0	9.656	J	ug/L	97	67 - 151	N/A	
Isopropylbenzene	10.0	9.699		ug/L	97	80 - 124	N/A	
Methylene Chloride	10.0	9.424		ug/L	94	77 - 120	N/A	
4-Methyl-2-pentanone	10.0	9.724		ug/L	97	73 - 127	N/A	
Methyl-t-Butyl Ether (MTBE)	10.0	9.210		ug/L	92	75 - 123	N/A	
m,p-Xylene	20.0	19.40		ug/L	97	80 - 120	N/A	
Naphthalene	10.0	10.22		ug/L	102	73 - 139	N/A	
n-Butylbenzene	10.0	9.697		ug/L	97	80 - 126	N/A	
N-Propylbenzene	10.0	9.789		ug/L	98	79 - 127	N/A	
o-Xylene	10.0	9.888		ug/L	99	80 - 120	N/A	
p-Isopropyltoluene	10.0	10.04		ug/L	100	80 - 120	N/A	
sec-Butylbenzene	10.0	9.728		ug/L	97	79 - 127	N/A	
Styrene	10.0	9.894		ug/L	99	80 - 120	N/A	
Tert-amyl-methyl ether (TAME)	10.0	11.09		ug/L	111	80 - 120	N/A	
tert-Butyl alcohol (TBA)	50.0	48.23		ug/L	96	80 - 120	N/A	
tert-Butylbenzene	10.0	10.02		ug/L	100	80 - 125	N/A	
1,1,1,2-Tetrachloroethane	10.0	12.41	*	ug/L	124	80 - 122	N/A	X
1,1,2,2-Tetrachloroethane	10.0	10.78		ug/L	108	80 - 121	N/A	
Tetrachloroethene	10.0	8.826		ug/L	88	79 - 121	N/A	
Toluene	10.0	9.515		ug/L	95	80 - 120	N/A	
trans-1,2-Dichloroethene	10.0	9.499		ug/L	95	77 - 125	N/A	
trans-1,3-Dichloropropene	10.0	11.49		ug/L	115	80 - 120	N/A	
1,2,3-Trichlorobenzene	10.0	10.43		ug/L	104	80 - 122	N/A	
1,2,4-Trichlorobenzene	10.0	10.80		ug/L	108	80 - 122	N/A	
1,1,1-Trichloroethane	10.0	10.25		ug/L	103	80 - 128	N/A	
1,1,2-Trichloroethane	10.0	10.17		ug/L	102	80 - 120	N/A	
Trichloroethene	10.0	9.688		ug/L	97	80 - 120	N/A	
Trichlorofluoromethane	10.0	10.56		ug/L	106	77 - 125	N/A	
1,2,3-Trichloropropane	10.0	11.13		ug/L	111	76 - 120	N/A	
1,2,4-Trimethylbenzene	10.0	10.16		ug/L	102	80 - 120	N/A	
1,3,5-Trimethylbenzene	10.0	9.776		ug/L	98	80 - 122	N/A	
Vinyl acetate	10.0	11.68		ug/L	117	74 - 128	N/A	
Vinyl chloride	10.0	9.570		ug/L	96	63 - 135	N/A	
Hexachloro-1,3-butadiene	10.0	10.23		ug/L	102	80 - 122	73 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
70	3	0

X = % Recovery is greater than widest possible limit

Lab Sample ID: LCS 570-7992/6
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Acetone	10.0	9.859	J	ug/L	99	50 - 150	N/A	
Benzene	10.0	11.16		ug/L	112	80 - 120	N/A	
Bromobenzene	10.0	9.971		ug/L	100	80 - 120	N/A	
Bromochloromethane	10.0	11.56		ug/L	116	75 - 123	N/A	
Bromodichloromethane	10.0	11.53		ug/L	115	80 - 121	N/A	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7992/6
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Bromoform	10.0	12.19		ug/L	122	74 - 140	N/A	
Bromomethane	10.0	10.40		ug/L	104	50 - 150	N/A	
2-Butanone	10.0	9.095		ug/L	91	55 - 187	N/A	
Carbon disulfide	10.0	12.71		ug/L	127	64 - 130	N/A	
Carbon tetrachloride	10.0	14.44	*	ug/L	144	80 - 129	N/A	X
Chlorobenzene	10.0	10.19		ug/L	102	80 - 120	N/A	
Chloroethane	10.0	11.60		ug/L	116	72 - 126	N/A	
Chloroform	10.0	11.51		ug/L	115	76 - 124	N/A	
Chloromethane	10.0	12.07		ug/L	121	53 - 143	N/A	
2-Chlorotoluene	10.0	10.09		ug/L	101	80 - 124	N/A	
4-Chlorotoluene	10.0	10.53		ug/L	105	80 - 122	N/A	
cis-1,2-Dichloroethene	10.0	11.99		ug/L	120	75 - 123	N/A	
cis-1,3-Dichloropropene	10.0	11.71		ug/L	117	80 - 122	N/A	
Dibromochloromethane	10.0	11.55		ug/L	116	79 - 127	N/A	
1,2-Dibromo-3-Chloropropane	10.0	9.010		ug/L	90	80 - 124	N/A	
1,2-Dibromoethane	10.0	9.386		ug/L	94	80 - 120	N/A	
Dibromomethane	10.0	10.85		ug/L	109	80 - 122	N/A	
1,2-Dichlorobenzene	10.0	10.26		ug/L	103	80 - 120	N/A	
1,3-Dichlorobenzene	10.0	10.34		ug/L	103	80 - 122	N/A	
1,4-Dichlorobenzene	10.0	10.39		ug/L	104	80 - 120	N/A	
Dichlorodifluoromethane	10.0	13.88		ug/L	139	50 - 150	N/A	
1,1-Dichloroethane	10.0	10.22		ug/L	102	71 - 120	N/A	
1,2-Dichloroethane	10.0	10.14		ug/L	101	80 - 122	N/A	
1,1-Dichloroethene	10.0	11.33		ug/L	113	77 - 120	N/A	
1,2-Dichloropropane	10.0	11.19		ug/L	112	80 - 120	N/A	
1,3-Dichloropropane	10.0	9.531		ug/L	95	80 - 120	N/A	
2,2-Dichloropropane	10.0	13.37		ug/L	134	64 - 154	N/A	
1,1-Dichloropropene	10.0	12.27		ug/L	123	78 - 126	N/A	
Di-isopropyl ether (DIPE)	10.0	11.10		ug/L	111	73 - 121	N/A	
Ethylbenzene	10.0	10.14		ug/L	101	80 - 120	N/A	
Ethyl-t-butyl ether (ETBE)	10.0	9.305		ug/L	93	76 - 124	N/A	
2-Hexanone	10.0	7.174	J	ug/L	72	67 - 151	N/A	
Isopropylbenzene	10.0	10.54		ug/L	105	80 - 124	N/A	
Methylene Chloride	10.0	10.86		ug/L	109	77 - 120	N/A	
4-Methyl-2-pentanone	10.0	8.457		ug/L	85	73 - 127	N/A	
Methyl-t-Butyl Ether (MTBE)	10.0	8.508		ug/L	85	75 - 123	N/A	
m,p-Xylene	20.0	20.48		ug/L	102	80 - 120	N/A	
Naphthalene	10.0	8.687		ug/L	87	73 - 139	N/A	
n-Butylbenzene	10.0	10.96		ug/L	110	80 - 126	N/A	
N-Propylbenzene	10.0	10.59		ug/L	106	79 - 127	N/A	
o-Xylene	10.0	10.30		ug/L	103	80 - 120	N/A	
p-Isopropyltoluene	10.0	11.09		ug/L	111	80 - 120	N/A	
sec-Butylbenzene	10.0	10.91		ug/L	109	79 - 127	N/A	
Styrene	10.0	10.30		ug/L	103	80 - 120	N/A	
Tert-amyl-methyl ether (TAME)	10.0	10.26		ug/L	103	80 - 120	N/A	
tert-Butyl alcohol (TBA)	50.0	41.20		ug/L	82	80 - 120	N/A	
tert-Butylbenzene	10.0	10.97		ug/L	110	80 - 125	N/A	
1,1,1,2-Tetrachloroethane	10.0	11.84		ug/L	118	80 - 122	N/A	
1,1,2,2-Tetrachloroethane	10.0	9.155		ug/L	92	80 - 121	N/A	
Tetrachloroethene	10.0	9.454		ug/L	95	79 - 121	N/A	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7992/6
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Toluene	10.0	11.15		ug/L	111	80 - 120	N/A	
trans-1,2-Dichloroethene	10.0	11.24		ug/L	112	77 - 125	N/A	
trans-1,3-Dichloropropene	10.0	10.06		ug/L	101	80 - 120	N/A	
1,2,3-Trichlorobenzene	10.0	9.844		ug/L	98	80 - 122	N/A	
1,2,4-Trichlorobenzene	10.0	10.81		ug/L	108	80 - 122	N/A	
1,1,1-Trichloroethane	10.0	11.94		ug/L	119	80 - 128	N/A	
1,1,2-Trichloroethane	10.0	9.434		ug/L	94	80 - 120	N/A	
Trichloroethene	10.0	11.39		ug/L	114	80 - 120	N/A	
Trichlorofluoromethane	10.0	14.20	*	ug/L	142	77 - 125	N/A	X
1,2,3-Trichloropropane	10.0	9.280		ug/L	93	76 - 120	N/A	
1,2,4-Trimethylbenzene	10.0	10.82		ug/L	108	80 - 120	N/A	
1,3,5-Trimethylbenzene	10.0	10.64		ug/L	106	80 - 122	N/A	
Vinyl acetate	10.0	11.04		ug/L	110	74 - 128	N/A	
Vinyl chloride	10.0	11.22		ug/L	112	63 - 135	N/A	
Hexachloro-1,3-butadiene	10.0	11.45		ug/L	114	80 - 122	73 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
70	3	0

X = % Recovery is greater than widest possible limit

Lab Sample ID: LCSD 570-7992/7
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Acetone	10.0	10.79		ug/L	108	50 - 150	N/A	
Benzene	10.0	10.95		ug/L	109	80 - 120	N/A	
Bromobenzene	10.0	10.38		ug/L	104	80 - 120	N/A	
Bromochloromethane	10.0	12.36	*	ug/L	124	75 - 123	N/A	X
Bromodichloromethane	10.0	11.74		ug/L	117	80 - 121	N/A	
Bromoform	10.0	12.96		ug/L	130	74 - 140	N/A	
Bromomethane	10.0	10.24		ug/L	102	50 - 150	N/A	
2-Butanone	10.0	10.51		ug/L	105	55 - 187	N/A	
Carbon disulfide	10.0	11.85		ug/L	119	64 - 130	N/A	
Carbon tetrachloride	10.0	13.12	*	ug/L	131	80 - 129	N/A	X
Chlorobenzene	10.0	10.25		ug/L	102	80 - 120	N/A	
Chloroethane	10.0	11.21		ug/L	112	72 - 126	N/A	
Chloroform	10.0	11.76		ug/L	118	76 - 124	N/A	
Chloromethane	10.0	11.67		ug/L	117	53 - 143	N/A	
2-Chlorotoluene	10.0	10.15		ug/L	101	80 - 124	N/A	
4-Chlorotoluene	10.0	10.37		ug/L	104	80 - 122	N/A	
cis-1,2-Dichloroethene	10.0	12.07		ug/L	121	75 - 123	N/A	
cis-1,3-Dichloropropene	10.0	12.06		ug/L	121	80 - 122	N/A	
Dibromochloromethane	10.0	12.32		ug/L	123	79 - 127	N/A	
1,2-Dibromo-3-Chloropropane	10.0	10.45		ug/L	105	80 - 124	N/A	
1,2-Dibromoethane	10.0	10.44		ug/L	104	80 - 120	N/A	
Dibromomethane	10.0	11.15		ug/L	112	80 - 122	N/A	
1,2-Dichlorobenzene	10.0	10.37		ug/L	104	80 - 120	N/A	
1,3-Dichlorobenzene	10.0	10.17		ug/L	102	80 - 122	N/A	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7992/7
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,4-Dichlorobenzene	10.0	10.14		ug/L	101	80 - 120	N/A	
Dichlorodifluoromethane	10.0	10.19	*	ug/L	102	50 - 150	N/A	
1,1-Dichloroethane	10.0	10.15		ug/L	102	71 - 120	N/A	
1,2-Dichloroethane	10.0	10.42		ug/L	104	80 - 122	N/A	
1,1-Dichloroethene	10.0	10.34		ug/L	103	77 - 120	N/A	
1,2-Dichloropropane	10.0	11.15		ug/L	112	80 - 120	N/A	
1,3-Dichloropropane	10.0	10.22		ug/L	102	80 - 120	N/A	
2,2-Dichloropropane	10.0	12.66		ug/L	127	64 - 154	N/A	
1,1-Dichloropropene	10.0	11.41		ug/L	114	78 - 126	N/A	
Di-isopropyl ether (DIPE)	10.0	11.80		ug/L	118	73 - 121	N/A	
Ethylbenzene	10.0	10.06		ug/L	101	80 - 120	N/A	
Ethyl-t-butyl ether (ETBE)	10.0	10.27		ug/L	103	76 - 124	N/A	
2-Hexanone	10.0	9.242	J	ug/L	92	67 - 151	N/A	
Isopropylbenzene	10.0	10.17		ug/L	102	80 - 124	N/A	
Methylene Chloride	10.0	11.08		ug/L	111	77 - 120	N/A	
4-Methyl-2-pentanone	10.0	9.946		ug/L	99	73 - 127	N/A	
Methyl-t-Butyl Ether (MTBE)	10.0	10.05		ug/L	100	75 - 123	N/A	
m,p-Xylene	20.0	20.43		ug/L	102	80 - 120	N/A	
Naphthalene	10.0	9.696		ug/L	97	73 - 139	N/A	
n-Butylbenzene	10.0	10.12		ug/L	101	80 - 126	N/A	
N-Propylbenzene	10.0	10.24		ug/L	102	79 - 127	N/A	
o-Xylene	10.0	10.35		ug/L	104	80 - 120	N/A	
p-Isopropyltoluene	10.0	10.43		ug/L	104	80 - 120	N/A	
sec-Butylbenzene	10.0	10.00		ug/L	100	79 - 127	N/A	
Styrene	10.0	10.60		ug/L	106	80 - 120	N/A	
Tert-amyl-methyl ether (TAME)	10.0	11.23		ug/L	112	80 - 120	N/A	
tert-Butyl alcohol (TBA)	50.0	43.67		ug/L	87	80 - 120	N/A	
tert-Butylbenzene	10.0	10.14		ug/L	101	80 - 125	N/A	
1,1,1,2-Tetrachloroethane	10.0	12.39	*	ug/L	124	80 - 122	N/A	X
1,1,2,2-Tetrachloroethane	10.0	10.13		ug/L	101	80 - 121	N/A	
Tetrachloroethene	10.0	8.797		ug/L	88	79 - 121	N/A	
Toluene	10.0	10.96		ug/L	110	80 - 120	N/A	
trans-1,2-Dichloroethene	10.0	11.45		ug/L	114	77 - 125	N/A	
trans-1,3-Dichloropropene	10.0	10.43		ug/L	104	80 - 120	N/A	
1,2,3-Trichlorobenzene	10.0	10.38		ug/L	104	80 - 122	N/A	
1,2,4-Trichlorobenzene	10.0	11.02		ug/L	110	80 - 122	N/A	
1,1,1-Trichloroethane	10.0	11.43		ug/L	114	80 - 128	N/A	
1,1,2-Trichloroethane	10.0	10.33		ug/L	103	80 - 120	N/A	
Trichloroethene	10.0	10.92		ug/L	109	80 - 120	N/A	
Trichlorofluoromethane	10.0	11.54		ug/L	115	77 - 125	N/A	
1,2,3-Trichloropropane	10.0	10.02		ug/L	100	76 - 120	N/A	
1,2,4-Trimethylbenzene	10.0	10.44		ug/L	104	80 - 120	N/A	
1,3,5-Trimethylbenzene	10.0	10.54		ug/L	105	80 - 122	N/A	
Vinyl acetate	10.0	12.15		ug/L	121	74 - 128	N/A	
Vinyl chloride	10.0	10.20		ug/L	102	63 - 135	N/A	
Hexachloro-1,3-butadiene	10.0	10.47		ug/L	105	80 - 122	73 - 129	

Summary

Marginal Exceedance (ME) Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
70	3	0

X = % Recovery is greater than widest possible limit

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCSD 570-8078/5
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Acetone	10.0	11.38		ug/L	114	50 - 150	N/A	
Benzene	10.0	10.04		ug/L	100	80 - 120	N/A	
Bromobenzene	10.0	10.64		ug/L	106	80 - 120	N/A	
Bromochloromethane	10.0	9.903		ug/L	99	75 - 123	N/A	
Bromodichloromethane	10.0	10.31		ug/L	103	80 - 121	N/A	
Bromoform	10.0	10.21		ug/L	102	74 - 140	N/A	
Bromomethane	10.0	9.856		ug/L	99	50 - 150	N/A	
2-Butanone	10.0	9.745		ug/L	97	55 - 187	N/A	
Carbon disulfide	10.0	10.34		ug/L	103	64 - 130	N/A	
Carbon tetrachloride	10.0	9.809		ug/L	98	80 - 129	N/A	
Chlorobenzene	10.0	10.15		ug/L	101	80 - 120	N/A	
Chloroethane	10.0	10.48		ug/L	105	72 - 126	N/A	
Chloroform	10.0	9.993		ug/L	100	76 - 124	N/A	
Chloromethane	10.0	9.804		ug/L	98	53 - 143	N/A	
2-Chlorotoluene	10.0	9.990		ug/L	100	80 - 124	N/A	
4-Chlorotoluene	10.0	10.03		ug/L	100	80 - 122	N/A	
cis-1,2-Dichloroethene	10.0	10.10		ug/L	101	75 - 123	N/A	
cis-1,3-Dichloropropene	10.0	9.831		ug/L	98	80 - 122	N/A	
Dibromochloromethane	10.0	10.35		ug/L	103	79 - 127	N/A	
1,2-Dibromo-3-Chloropropane	10.0	9.043		ug/L	90	80 - 124	N/A	
1,2-Dibromoethane	10.0	10.03		ug/L	100	80 - 120	N/A	
Dibromomethane	10.0	10.25		ug/L	102	80 - 122	N/A	
1,2-Dichlorobenzene	10.0	10.09		ug/L	101	80 - 120	N/A	
1,3-Dichlorobenzene	10.0	10.45		ug/L	105	80 - 122	N/A	
1,4-Dichlorobenzene	10.0	9.836		ug/L	98	80 - 120	N/A	
Dichlorodifluoromethane	10.0	8.113		ug/L	81	50 - 150	N/A	
1,1-Dichloroethane	10.0	9.798		ug/L	98	71 - 120	N/A	
1,2-Dichloroethane	10.0	10.23		ug/L	102	80 - 122	N/A	
1,1-Dichloroethene	10.0	9.842		ug/L	98	77 - 120	N/A	
1,2-Dichloropropane	10.0	9.902		ug/L	99	80 - 120	N/A	
1,3-Dichloropropane	10.0	10.03		ug/L	100	80 - 120	N/A	
2,2-Dichloropropane	10.0	9.676		ug/L	97	64 - 154	N/A	
1,1-Dichloropropene	10.0	9.445		ug/L	94	78 - 126	N/A	
Di-isopropyl ether (DIPE)	10.0	9.895		ug/L	99	73 - 121	N/A	
Ethylbenzene	10.0	10.37		ug/L	104	80 - 120	N/A	
Ethyl-t-butyl ether (ETBE)	10.0	9.335		ug/L	93	76 - 124	N/A	
2-Hexanone	10.0	9.866	J	ug/L	99	67 - 151	N/A	
Isopropylbenzene	10.0	10.31		ug/L	103	80 - 124	N/A	
Methylene Chloride	10.0	10.40		ug/L	104	77 - 120	N/A	
4-Methyl-2-pentanone	10.0	8.533		ug/L	85	73 - 127	N/A	
Methyl-t-Butyl Ether (MTBE)	10.0	9.524		ug/L	95	75 - 123	N/A	
m,p-Xylene	20.0	21.36		ug/L	107	80 - 120	N/A	
Naphthalene	10.0	9.998		ug/L	100	73 - 139	N/A	
n-Butylbenzene	10.0	10.34		ug/L	103	80 - 126	N/A	

Marginal Exceedance (ME) Summary

Client: Jacob & Hefner Associates P.C.
Job ID: 570-2371-1
Project/Site: Former Conexant Systems

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-8078/5
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
N-Propylbenzene	10.0	10.75		ug/L	108	79 - 127	N/A	
o-Xylene	10.0	10.45		ug/L	104	80 - 120	N/A	
p-Isopropyltoluene	10.0	9.976		ug/L	100	80 - 120	N/A	
sec-Butylbenzene	10.0	10.02		ug/L	100	79 - 127	N/A	
Styrene	10.0	10.86		ug/L	109	80 - 120	N/A	
Tert-amyl-methyl ether (TAME)	10.0	9.549		ug/L	95	80 - 120	N/A	
tert-Butyl alcohol (TBA)	50.0	57.12		ug/L	114	80 - 120	N/A	
tert-Butylbenzene	10.0	9.802		ug/L	98	80 - 125	N/A	
1,1,1,2-Tetrachloroethane	10.0	10.10		ug/L	101	80 - 122	N/A	
1,1,2,2-Tetrachloroethane	10.0	9.526		ug/L	95	80 - 121	N/A	
Tetrachloroethene	10.0	12.45	*	ug/L	124	79 - 121	N/A	X
Toluene	10.0	10.15		ug/L	102	80 - 120	N/A	
trans-1,2-Dichloroethene	10.0	9.875		ug/L	99	77 - 125	N/A	
trans-1,3-Dichloropropene	10.0	10.07		ug/L	101	80 - 120	N/A	
1,2,3-Trichlorobenzene	10.0	10.63		ug/L	106	80 - 122	N/A	
1,2,4-Trichlorobenzene	10.0	10.43		ug/L	104	80 - 122	N/A	
1,1,1-Trichloroethane	10.0	9.744		ug/L	97	80 - 128	N/A	
1,1,2-Trichloroethane	10.0	10.20		ug/L	102	80 - 120	N/A	
Trichloroethene	10.0	9.931		ug/L	99	80 - 120	N/A	
Trichlorofluoromethane	10.0	9.384		ug/L	94	77 - 125	N/A	
1,2,3-Trichloropropane	10.0	10.26		ug/L	103	76 - 120	N/A	
1,2,4-Trimethylbenzene	10.0	10.30		ug/L	103	80 - 120	N/A	
1,3,5-Trimethylbenzene	10.0	10.61		ug/L	106	80 - 122	N/A	
Vinyl acetate	10.0	8.073		ug/L	81	74 - 128	N/A	
Vinyl chloride	10.0	9.274		ug/L	93	63 - 135	N/A	
Hexachloro-1,3-butadiene	10.0	10.33		ug/L	103	80 - 122	73 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
70	3	0

X = % Recovery is greater than widest possible limit

GC/MS VOA

Analysis Batch: 7687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	8260B	
570-2371-2	SZO-2	Total/NA	Water	8260B	
570-2371-3	SZT-1	Total/NA	Water	8260B	
570-2371-4	I-9	Total/NA	Water	8260B	
570-2371-5	EI-1	Total/NA	Water	8260B	
MB 570-7687/7	Method Blank	Total/NA	Water	8260B	
LCS 570-7687/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-7687/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 7799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-22	KSRO-2	Total/NA	Water	8260B	
570-2371-23	KSRO-1	Total/NA	Water	8260B	
570-2371-24	M-39	Total/NA	Water	8260B	
570-2371-25	I-8	Total/NA	Water	8260B	
570-2371-26	M-38	Total/NA	Water	8260B	
570-2371-27	M-25	Total/NA	Water	8260B	
MB 570-7799/8	Method Blank	Total/NA	Water	8260B	
LCS 570-7799/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-7799/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 7842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-6	I-10	Total/NA	Water	8260B	
570-2371-7	I-1	Total/NA	Water	8260B	
570-2371-8	TB-2	Total/NA	Water	8260B	
570-2371-9	M-45	Total/NA	Water	8260B	
570-2371-10	I-20	Total/NA	Water	8260B	
570-2371-13	ES-5A	Total/NA	Water	8260B	
570-2371-14	IT-5	Total/NA	Water	8260B	
570-2371-15	I-6	Total/NA	Water	8260B	
570-2371-16	EI-3	Total/NA	Water	8260B	
570-2371-17	M-40	Total/NA	Water	8260B	
570-2371-18	EI-2	Total/NA	Water	8260B	
570-2371-20	MW-37	Total/NA	Water	8260B	
570-2371-21	EI-4A	Total/NA	Water	8260B	
MB 570-7842/6	Method Blank	Total/NA	Water	8260B	
LCS 570-7842/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-7842/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 7992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	8260B	
570-2371-2	SZO-2	Total/NA	Water	8260B	
570-2371-3	SZT-1	Total/NA	Water	8260B	
570-2371-11	M-33	Total/NA	Water	8260B	
570-2371-12	ES-4B	Total/NA	Water	8260B	
MB 570-7992/9	Method Blank	Total/NA	Water	8260B	
LCS 570-7992/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-7992/7	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS VOA

Analysis Batch: 8078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-22	KSRO-2	Total/NA	Water	8260B	
570-2371-23	KSRO-1	Total/NA	Water	8260B	
570-2371-24	M-39	Total/NA	Water	8260B	
570-2371-26	M-38	Total/NA	Water	8260B	
MB 570-8078/8	Method Blank	Total/NA	Water	8260B	
LCS 570-8078/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-8078/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 8716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	8260C_SIM	
570-2371-2	SZO-2	Total/NA	Water	8260C_SIM	
570-2371-3	SZT-1	Total/NA	Water	8260C_SIM	
570-2371-4	I-9	Total/NA	Water	8260C_SIM	
570-2371-5	EI-1	Total/NA	Water	8260C_SIM	
570-2371-6	I-10	Total/NA	Water	8260C_SIM	
570-2371-7	I-1	Total/NA	Water	8260C_SIM	
570-2371-9	M-45	Total/NA	Water	8260C_SIM	
570-2371-10	I-20	Total/NA	Water	8260C_SIM	
570-2371-11	M-33	Total/NA	Water	8260C_SIM	
MB 570-8716/7	Method Blank	Total/NA	Water	8260C_SIM	
LCS 570-8716/4	Lab Control Sample	Total/NA	Water	8260C_SIM	
LCSD 570-8716/5	Lab Control Sample Dup	Total/NA	Water	8260C_SIM	

Analysis Batch: 8880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-12	ES-4B	Total/NA	Water	8260C_SIM	
570-2371-13	ES-5A	Total/NA	Water	8260C_SIM	
570-2371-14	IT-5	Total/NA	Water	8260C_SIM	
570-2371-15	I-6	Total/NA	Water	8260C_SIM	
570-2371-16	EI-3	Total/NA	Water	8260C_SIM	
570-2371-17	M-40	Total/NA	Water	8260C_SIM	
570-2371-18	EI-2	Total/NA	Water	8260C_SIM	
570-2371-20	MW-37	Total/NA	Water	8260C_SIM	
570-2371-21	EI-4A	Total/NA	Water	8260C_SIM	
570-2371-22	KSRO-2	Total/NA	Water	8260C_SIM	
570-2371-23	KSRO-1	Total/NA	Water	8260C_SIM	
570-2371-24	M-39	Total/NA	Water	8260C_SIM	
570-2371-25	I-8	Total/NA	Water	8260C_SIM	
570-2371-26	M-38	Total/NA	Water	8260C_SIM	
570-2371-27	M-25	Total/NA	Water	8260C_SIM	
MB 570-8880/6	Method Blank	Total/NA	Water	8260C_SIM	
LCS 570-8880/3	Lab Control Sample	Total/NA	Water	8260C_SIM	
LCSD 570-8880/4	Lab Control Sample Dup	Total/NA	Water	8260C_SIM	

Analysis Batch: 10351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-19	DUP-2	Total/NA	Water	8260B	
MB 570-10351/6	Method Blank	Total/NA	Water	8260B	
LCS 570-10351/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-10351/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 6568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	RSK-175	
570-2371-1 - DL	SZO-1	Total/NA	Water	RSK-175	
570-2371-2	SZO-2	Total/NA	Water	RSK-175	
570-2371-2 - DL	SZO-2	Total/NA	Water	RSK-175	
570-2371-3	SZT-1	Total/NA	Water	RSK-175	
570-2371-3 - DL	SZT-1	Total/NA	Water	RSK-175	
570-2371-4	I-9	Total/NA	Water	RSK-175	
570-2371-5	EI-1	Total/NA	Water	RSK-175	
570-2371-6	I-10	Total/NA	Water	RSK-175	
570-2371-7	I-1	Total/NA	Water	RSK-175	
570-2371-9	M-45	Total/NA	Water	RSK-175	
570-2371-10	I-20	Total/NA	Water	RSK-175	
570-2371-11	M-33	Total/NA	Water	RSK-175	
570-2371-12	ES-4B	Total/NA	Water	RSK-175	
570-2371-13	ES-5A	Total/NA	Water	RSK-175	
MB 570-6568/4	Method Blank	Total/NA	Water	RSK-175	
LCS 570-6568/2	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 570-6568/3	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Analysis Batch: 6801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-14	IT-5	Total/NA	Water	RSK-175	
570-2371-15	I-6	Total/NA	Water	RSK-175	
570-2371-16	EI-3	Total/NA	Water	RSK-175	
570-2371-17	M-40	Total/NA	Water	RSK-175	
570-2371-18	EI-2	Total/NA	Water	RSK-175	
570-2371-20	MW-37	Total/NA	Water	RSK-175	
570-2371-21	EI-4A	Total/NA	Water	RSK-175	
570-2371-22	KSRO-2	Total/NA	Water	RSK-175	
570-2371-23	KSRO-1	Total/NA	Water	RSK-175	
570-2371-24	M-39	Total/NA	Water	RSK-175	
570-2371-25	I-8	Total/NA	Water	RSK-175	
570-2371-26	M-38	Total/NA	Water	RSK-175	
570-2371-27	M-25	Total/NA	Water	RSK-175	
MB 570-6801/4	Method Blank	Total/NA	Water	RSK-175	
LCS 570-6801/2	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 570-6801/3	Lab Control Sample Dup	Total/NA	Water	RSK-175	

HPLC/IC

Analysis Batch: 6538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	300.0	
570-2371-2	SZO-2	Total/NA	Water	300.0	
570-2371-3	SZT-1	Total/NA	Water	300.0	
570-2371-7	I-1	Total/NA	Water	300.0	
MB 570-6538/5	Method Blank	Total/NA	Water	300.0	
LCS 570-6538/6	Lab Control Sample	Total/NA	Water	300.0	
570-2373-L-10 MS	Matrix Spike	Total/NA	Water	300.0	
570-2373-L-10 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

HPLC/IC

Analysis Batch: 6539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	300.0	
570-2371-3	SZT-1	Total/NA	Water	300.0	
MB 570-6539/5	Method Blank	Total/NA	Water	300.0	
LCS 570-6539/6	Lab Control Sample	Total/NA	Water	300.0	
570-2373-L-10 MS	Matrix Spike	Total/NA	Water	300.0	
570-2373-L-10 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 6887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-6887/7	Method Blank	Total/NA	Water	300.0	
LCS 570-6887/8	Lab Control Sample	Total/NA	Water	300.0	
570-2388-B-1 MS	Matrix Spike	Total/NA	Water	300.0	
570-2388-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 6888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	300.0	
570-2371-2	SZO-2	Total/NA	Water	300.0	
570-2371-7	I-1	Total/NA	Water	300.0	
MB 570-6888/7	Method Blank	Total/NA	Water	300.0	
LCS 570-6888/8	Lab Control Sample	Total/NA	Water	300.0	
570-2388-B-1 MS	Matrix Spike	Total/NA	Water	300.0	
570-2388-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 7271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	VFA - HPLC	
570-2371-2	SZO-2	Total/NA	Water	VFA - HPLC	
570-2371-3	SZT-1	Total/NA	Water	VFA - HPLC	
MB 570-7271/3	Method Blank	Total/NA	Water	VFA - HPLC	
LCS 570-7271/25	Lab Control Sample	Total/NA	Water	VFA - HPLC	
LCS 570-7271/4	Lab Control Sample	Total/NA	Water	VFA - HPLC	
570-2371-1 MS	SZO-1	Total/NA	Water	VFA - HPLC	
570-2371-1 MSD	SZO-1	Total/NA	Water	VFA - HPLC	

Analysis Batch: 8906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	VFA - HPLC	
570-2371-1	SZO-1	Total/NA	Water	VFA - HPLC	
570-2371-3	SZT-1	Total/NA	Water	VFA - HPLC	
MB 570-8906/39	Method Blank	Total/NA	Water	VFA - HPLC	
LCS 570-8906/40	Lab Control Sample	Total/NA	Water	VFA - HPLC	
LCSD 570-8906/41	Lab Control Sample Dup	Total/NA	Water	VFA - HPLC	
570-2677-A-1 MS	Matrix Spike	Total/NA	Water	VFA - HPLC	
570-2677-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	VFA - HPLC	

Analysis Batch: 9781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-3	SZT-1	Total/NA	Water	VFA - HPLC	
MB 570-9781/3	Method Blank	Total/NA	Water	VFA - HPLC	
LCS 570-9781/4	Lab Control Sample	Total/NA	Water	VFA - HPLC	

HPLC/IC (Continued)

Analysis Batch: 9781 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2783-K-1 MS	Matrix Spike	Total/NA	Water	VFA - HPLC	
570-2783-K-1 MSD	Matrix Spike Duplicate	Total/NA	Water	VFA - HPLC	

Metals

Prep Batch: 8400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	3010A	
570-2371-2	SZO-2	Total/NA	Water	3010A	
570-2371-3	SZT-1	Total/NA	Water	3010A	
570-2371-7	I-1	Total/NA	Water	3010A	
MB 570-8400/1-A	Method Blank	Total/NA	Water	3010A	
LCS 570-8400/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 570-8400/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
570-2360-A-1-B MS	Matrix Spike	Total/NA	Water	3010A	
570-2360-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 8432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Dissolved	Water	3005A	
570-2371-2	SZO-2	Dissolved	Water	3005A	
570-2371-3	SZT-1	Dissolved	Water	3005A	
570-2371-7	I-1	Dissolved	Water	3005A	
MB 570-8432/1-A	Method Blank	Total Recoverable	Water	3010A	
LCS 570-8432/2-A	Lab Control Sample	Total Recoverable	Water	3010A	
LCSD 570-8432/3-A	Lab Control Sample Dup	Total Recoverable	Water	3010A	
570-2371-1 MS	SZO-1	Dissolved	Water	3005A	
570-2371-1 MSD	SZO-1	Dissolved	Water	3005A	

Analysis Batch: 9808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Dissolved	Water	6010B	8432
570-2371-2	SZO-2	Dissolved	Water	6010B	8432
570-2371-3	SZT-1	Dissolved	Water	6010B	8432
570-2371-7	I-1	Dissolved	Water	6010B	8432
MB 570-8432/1-A	Method Blank	Total Recoverable	Water	6010B	8432
LCS 570-8432/2-A	Lab Control Sample	Total Recoverable	Water	6010B	8432
LCSD 570-8432/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	8432
570-2371-1 MS	SZO-1	Dissolved	Water	6010B	8432
570-2371-1 MSD	SZO-1	Dissolved	Water	6010B	8432

Analysis Batch: 10259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	6010B	8400
570-2371-2	SZO-2	Total/NA	Water	6010B	8400
570-2371-3	SZT-1	Total/NA	Water	6010B	8400
570-2371-7	I-1	Total/NA	Water	6010B	8400
MB 570-8400/1-A	Method Blank	Total/NA	Water	6010B	8400
LCS 570-8400/2-A	Lab Control Sample	Total/NA	Water	6010B	8400
LCSD 570-8400/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	8400
570-2360-A-1-B MS	Matrix Spike	Total/NA	Water	6010B	8400

Metals (Continued)

Analysis Batch: 10259 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2360-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	8400

General Chemistry

Analysis Batch: 6822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	SM 5310D	
570-2371-2	SZO-2	Total/NA	Water	SM 5310D	
570-2371-7	I-1	Total/NA	Water	SM 5310D	
MB 570-6822/62	Method Blank	Total/NA	Water	SM 5310D	
LCS 570-6822/63	Lab Control Sample	Total/NA	Water	SM 5310D	
LCSD 570-6822/64	Lab Control Sample Dup	Total/NA	Water	SM 5310D	
570-2339-A-4 MS	Matrix Spike	Total/NA	Water	SM 5310D	
570-2339-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5310D	

Analysis Batch: 6918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	SM 2320B	
570-2371-2	SZO-2	Total/NA	Water	SM 2320B	
570-2371-3	SZT-1	Total/NA	Water	SM 2320B	
570-2371-7	I-1	Total/NA	Water	SM 2320B	
MB 570-6918/10	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-6918/8	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-6918/9	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-2245-A-3 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 7058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-3	SZT-1	Total/NA	Water	SM 5310D	
MB 570-7058/4	Method Blank	Total/NA	Water	SM 5310D	
LCS 570-7058/5	Lab Control Sample	Total/NA	Water	SM 5310D	
LCSD 570-7058/6	Lab Control Sample Dup	Total/NA	Water	SM 5310D	
570-2421-B-2 MS	Matrix Spike	Total/NA	Water	SM 5310D	
570-2421-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5310D	

Analysis Batch: 8942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2371-1	SZO-1	Total/NA	Water	SM 2540C	
570-2371-2	SZO-2	Total/NA	Water	SM 2540C	
570-2371-3	SZT-1	Total/NA	Water	SM 2540C	
570-2371-7	I-1	Total/NA	Water	SM 2540C	
MB 570-8942/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-8942/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-8942/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-2259-L-5 DU	Duplicate	Total/NA	Water	SM 2540C	

Client Sample ID: SZO-1

Date Collected: 07/19/19 14:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	20 mL	20 mL	7687	07/25/19 19:41	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260B		100	20 mL	20 mL	7992	07/26/19 16:04	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		25	25 mL	25 mL	8716	07/30/19 19:51	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 10:47	LEW3	ECL 2
	Instrument ID: GC61									
Total/NA	Analysis	RSK-175	DL	4	2 mL	2 mL	6568	07/20/19 11:10	LEW3	ECL 2
	Instrument ID: GC61									
Total/NA	Analysis	300.0		2	4 mL	1.0 mL	6538	07/20/19 14:19	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0		2			6539	07/20/19 14:19	J7WE	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0		20	4 mL	1.0 mL	6888	07/23/19 01:50	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	VFA - HPLC		1			7271	07/23/19 22:10	URMH	ECL 1
	Instrument ID: HPLC6									
Total/NA	Analysis	VFA - HPLC		5			8906	07/31/19 03:16	SW	ECL 1
	Instrument ID: HPLC6									
Total/NA	Analysis	VFA - HPLC		50			8906	07/31/19 03:39	SW	ECL 1
	Instrument ID: HPLC6									
Dissolved	Prep	3005A			50 mL	50 mL	8432	07/28/19 10:00	WL8G	ECL 1
Dissolved	Analysis	6010B		1			9808	08/02/19 15:08	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	3010A			50 mL	50 mL	8400	07/28/19 08:00	WL8G	ECL 1
Total/NA	Analysis	6010B		1			10259	08/04/19 21:02	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	6918	07/22/19 17:06	AP	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	20 mL	20 mL	8942	07/30/19 13:00	FMA	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 5310D		100	40 mL	40 mL	6822	07/21/19 03:51	JC	ECL 1
	Instrument ID: TOC12									

Client Sample ID: SZO-2

Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	20 mL	20 mL	7687	07/25/19 20:09	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260B		40	20 mL	20 mL	7992	07/26/19 16:31	UJHB	ECL 2
	Instrument ID: GCMSL									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: SZO-2

Date Collected: 07/19/19 13:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C_SIM		10	25 mL	25 mL	8716	07/30/19 14:58	J78Y	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 11:35	LEW3	ECL 2
	Instrument ID: GC61									
Total/NA	Analysis	RSK-175	DL	4	2 mL	2 mL	6568	07/20/19 11:59	LEW3	ECL 2
	Instrument ID: GC61									
Total/NA	Analysis	300.0		2	4 mL	1.0 mL	6538	07/20/19 14:38	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0		40	4 mL	1.0 mL	6888	07/23/19 02:09	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	VFA - HPLC		2			7271	07/23/19 22:56	URMH	ECL 1
	Instrument ID: HPLC6									
Dissolved	Prep	3005A			50 mL	50 mL	8432	07/28/19 10:00	WL8G	ECL 1
Dissolved	Analysis	6010B		1			9808	08/02/19 15:19	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	3010A			50 mL	50 mL	8400	07/28/19 08:00	WL8G	ECL 1
Total/NA	Analysis	6010B		1			10259	08/04/19 21:08	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	6918	07/22/19 17:14	AP	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	20 mL	20 mL	8942	07/30/19 13:00	FMA	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 5310D		100	40 mL	40 mL	6822	07/21/19 04:12	JC	ECL 1
	Instrument ID: TOC12									

Client Sample ID: SZT-1

Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	20 mL	20 mL	7687	07/25/19 20:36	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260B		80	20 mL	20 mL	7992	07/26/19 16:59	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		2	25 mL	25 mL	8716	07/30/19 15:28	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 12:25	LEW3	ECL 2
	Instrument ID: GC61									
Total/NA	Analysis	RSK-175	DL	8	2 mL	2 mL	6568	07/20/19 12:47	LEW3	ECL 2
	Instrument ID: GC61									
Total/NA	Analysis	300.0		2	4 mL	1.0 mL	6538	07/20/19 14:57	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0		2			6539	07/20/19 14:57	J7WE	ECL 1
	Instrument ID: IC9									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: SZT-1
Date Collected: 07/19/19 12:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	VFA - HPLC		1			7271	07/23/19 22:33	URMH	ECL 1
Total/NA	Analysis	VFA - HPLC		5			8906	07/31/19 04:01	SW	ECL 1
	Instrument ID:	HPLC6								
Total/NA	Analysis	VFA - HPLC		5			9781	08/02/19 20:22	URMH	ECL 1
	Instrument ID:	HPLC6								
Dissolved	Prep	3005A			50 mL	50 mL	8432	07/28/19 10:00	WL8G	ECL 1
Dissolved	Analysis	6010B		1			9808	08/02/19 15:21	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	3010A			50 mL	50 mL	8400	07/28/19 08:00	WL8G	ECL 1
Total/NA	Analysis	6010B		1			10259	08/04/19 21:10	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	6918	07/22/19 17:20	AP	ECL 1
	Instrument ID:	ManSciMantech								
Total/NA	Analysis	SM 2540C		1	20 mL	20 mL	8942	07/30/19 13:00	FMA	ECL 1
	Instrument ID:	NOEQUIP								
Total/NA	Analysis	SM 5310D		5	40 mL	40 mL	7058	07/22/19 16:43	JC	ECL 1
	Instrument ID:	TOC12								

Client Sample ID: I-9
Date Collected: 07/19/19 10:35
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7687	07/25/19 21:04	UJHB	ECL 2
	Instrument ID:	GCMSL								
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8716	07/30/19 15:57	J78Y	ECL 2
	Instrument ID:	GCMSM								
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 13:11	LEW3	ECL 2
	Instrument ID:	GC61								

Client Sample ID: EI-1
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	20 mL	20 mL	7687	07/25/19 21:32	UJHB	ECL 2
	Instrument ID:	GCMSL								
Total/NA	Analysis	8260C_SIM		2	25 mL	25 mL	8716	07/30/19 16:26	J78Y	ECL 2
	Instrument ID:	GCMSM								
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 13:38	LEW3	ECL 2
	Instrument ID:	GC61								

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: I-10

Date Collected: 07/19/19 08:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7842	07/26/19 00:45	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8716	07/30/19 17:25	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 14:01	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: I-1

Date Collected: 07/19/19 07:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	20 mL	20 mL	7842	07/26/19 01:12	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8716	07/30/19 17:54	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 14:24	LEW3	ECL 2
	Instrument ID: GC61									
Total/NA	Analysis	300.0		1	4 mL	1.0 mL	6538	07/20/19 15:16	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0		10	4 mL	1.0 mL	6888	07/23/19 02:28	URMH	ECL 1
	Instrument ID: IC9									
Dissolved	Prep	3005A			50 mL	50 mL	8432	07/28/19 10:00	WL8G	ECL 1
Dissolved	Analysis	6010B		1			9808	08/02/19 15:22	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	3010A			50 mL	50 mL	8400	07/28/19 08:00	WL8G	ECL 1
Total/NA	Analysis	6010B		1			10259	08/04/19 21:12	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	6918	07/22/19 17:27	AP	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	20 mL	20 mL	8942	07/30/19 13:00	FMA	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 5310D		1	40 mL	40 mL	6822	07/21/19 04:54	JC	ECL 1
	Instrument ID: TOC12									

Client Sample ID: TB-2

Date Collected: 07/19/19 06:00
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7842	07/26/19 01:40	UJHB	ECL 2
	Instrument ID: GCMSL									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: M-45
Date Collected: 07/19/19 07:18
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7842	07/26/19 02:07	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8716	07/30/19 18:23	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 14:51	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: I-20
Date Collected: 07/19/19 08:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7842	07/26/19 02:35	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8716	07/30/19 18:53	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 15:14	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: M-33
Date Collected: 07/19/19 10:39
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7992	07/26/19 15:09	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8716	07/30/19 19:22	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 15:43	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: ES-4B
Date Collected: 07/19/19 11:30
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7992	07/26/19 15:36	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/30/19 23:45	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 16:11	LEW3	ECL 2
	Instrument ID: GC61									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: ES-5A
Date Collected: 07/19/19 12:58
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7842	07/26/19 03:57	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 00:14	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6568	07/20/19 16:35	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: IT-5
Date Collected: 07/19/19 14:47
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7842	07/26/19 04:25	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 00:43	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 12:46	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: I-6
Date Collected: 07/19/19 07:23
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	7842	07/26/19 04:52	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 01:12	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 13:16	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: EI-3
Date Collected: 07/19/19 08:26
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	20 mL	20 mL	7842	07/26/19 05:20	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 01:41	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 13:43	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: M-40

Lab Sample ID: 570-2371-17

Date Collected: 07/19/19 09:28

Matrix: Water

Date Received: 07/19/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	20 mL	20 mL	7842	07/26/19 05:47	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 02:11	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 14:06	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: EI-2

Lab Sample ID: 570-2371-18

Date Collected: 07/19/19 10:20

Matrix: Water

Date Received: 07/19/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	20 mL	20 mL	7842	07/26/19 06:15	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 02:40	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 14:29	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: DUP-2

Lab Sample ID: 570-2371-19

Date Collected: 07/19/19 10:25

Matrix: Water

Date Received: 07/19/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	20 mL	20 mL	10351	08/06/19 13:39	UX77	ECL 2
	Instrument ID: GCMSUU									

Client Sample ID: MW-37

Lab Sample ID: 570-2371-20

Date Collected: 07/19/19 11:30

Matrix: Water

Date Received: 07/19/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7842	07/26/19 06:42	UJHB	ECL 2
	Instrument ID: GCMSL									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 03:09	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 14:55	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: EI-4A

Lab Sample ID: 570-2371-21

Date Collected: 07/19/19 13:46

Matrix: Water

Date Received: 07/19/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7842	07/26/19 07:10	UJHB	ECL 2
	Instrument ID: GCMSL									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: EI-4A
Date Collected: 07/19/19 13:46
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 03:38	J78Y	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 15:18	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: KSRO-2
Date Collected: 07/19/19 07:40
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/26/19 00:58	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B		10	20 mL	20 mL	8078	07/27/19 01:34	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 04:07	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 15:42	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: KSRO-1
Date Collected: 07/19/19 08:25
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/26/19 01:23	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B		5	20 mL	20 mL	8078	07/27/19 02:25	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 04:37	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 16:04	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: M-39
Date Collected: 07/19/19 09:20
Date Received: 07/19/19 17:40

Lab Sample ID: 570-2371-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/26/19 01:49	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B		1	20 mL	20 mL	8078	07/26/19 19:57	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 05:06	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 16:28	LEW3	ECL 2
	Instrument ID: GC61									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Client Sample ID: I-8

Lab Sample ID: 570-2371-25

Date Collected: 07/19/19 10:15

Matrix: Water

Date Received: 07/19/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/26/19 02:14	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 05:35	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 16:52	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: M-38

Lab Sample ID: 570-2371-26

Date Collected: 07/19/19 11:25

Matrix: Water

Date Received: 07/19/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/26/19 02:40	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B		2	20 mL	20 mL	8078	07/27/19 00:43	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 06:04	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 17:14	LEW3	ECL 2
	Instrument ID: GC61									

Client Sample ID: M-25

Lab Sample ID: 570-2371-27

Date Collected: 07/19/19 13:20

Matrix: Water

Date Received: 07/19/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/26/19 03:06	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	8880	07/31/19 06:33	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6801	07/22/19 17:37	LEW3	ECL 2
	Instrument ID: GC61									

Laboratory References:

ECL = Eurofins Calscience LLC, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Jacob & Hefner Associates P.C.
Job ID: 570-2371-1
Project/Site: Former Conexant Systems

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Arizona	State Program	9	AZ0781	03-13-20
California	SCAQMD LAP	9	N/A	11-30-19
California	State Program	9	2944	09-30-19
Guam	State Program	9	19-004R	10-31-19
Hawaii	State Program	9	N/A	01-29-20
Oregon	NELAP Primary AB	10	CA300001	01-20-20
Washington	State Program	10	C916	10-11-19

Method Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8260C_SIM	1,4-Dioxane by SIM	SW846	ECL 2
RSK-175	Dissolved Gases in Water	RSK	ECL 2
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
VFA - HPLC	Volatile Fatty Acids (HPLC/UV)	Lab SOP	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
SM 2320B	Alkalinity	SM	ECL 1
SM 2540C	Solids, Total Dissolved (TDS)	SM	ECL 1
SM 5310D	Organic Carbon, Total (TOC)	SM	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ECL 1
3010A	Preparation, Total Metals	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL

Protocol References:

Lab SOP = Laboratory Standard Operating Procedure

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL = Eurofins Calscience LLC, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2371-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-2371-1	SZO-1	Water	07/19/19 14:35	07/19/19 17:40	
570-2371-2	SZO-2	Water	07/19/19 13:20	07/19/19 17:40	
570-2371-3	SZT-1	Water	07/19/19 12:35	07/19/19 17:40	
570-2371-4	I-9	Water	07/19/19 10:35	07/19/19 17:40	
570-2371-5	EI-1	Water	07/19/19 09:20	07/19/19 17:40	
570-2371-6	I-10	Water	07/19/19 08:30	07/19/19 17:40	
570-2371-7	I-1	Water	07/19/19 07:30	07/19/19 17:40	
570-2371-8	TB-2	Water	07/19/19 06:00	07/19/19 17:40	
570-2371-9	M-45	Water	07/19/19 07:18	07/19/19 17:40	
570-2371-10	I-20	Water	07/19/19 08:39	07/19/19 17:40	
570-2371-11	M-33	Water	07/19/19 10:39	07/19/19 17:40	
570-2371-12	ES-4B	Water	07/19/19 11:30	07/19/19 17:40	
570-2371-13	ES-5A	Water	07/19/19 12:58	07/19/19 17:40	
570-2371-14	IT-5	Water	07/19/19 14:47	07/19/19 17:40	
570-2371-15	I-6	Water	07/19/19 07:23	07/19/19 17:40	
570-2371-16	EI-3	Water	07/19/19 08:26	07/19/19 17:40	
570-2371-17	M-40	Water	07/19/19 09:28	07/19/19 17:40	
570-2371-18	EI-2	Water	07/19/19 10:20	07/19/19 17:40	
570-2371-19	DUP-2	Water	07/19/19 10:25	07/19/19 17:40	
570-2371-20	MW-37	Water	07/19/19 11:30	07/19/19 17:40	
570-2371-21	EI-4A	Water	07/19/19 13:46	07/19/19 17:40	
570-2371-22	KSRO-2	Water	07/19/19 07:40	07/19/19 17:40	
570-2371-23	KSRO-1	Water	07/19/19 08:25	07/19/19 17:40	
570-2371-24	M-39	Water	07/19/19 09:20	07/19/19 17:40	
570-2371-25	I-8	Water	07/19/19 10:15	07/19/19 17:40	
570-2371-26	M-38	Water	07/19/19 11:25	07/19/19 17:40	
570-2371-27	M-25	Water	07/19/19 13:20	07/19/19 17:40	

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins Calscience

Client Information

Client Contact: Stacie Aichner	Sampler: CHAD JOHNSON	Lab PM: Villafania, Richard	Carrier Tracking No(s):	COC No: 570-1530-308.11
Company: JHA Environmental, Inc.	Phone:	E-Mail: richardvillafania@eurofinsus.com		Page: Page 1 of 4
Address: 4680 East Los Angeles Avenue Suite O	Due Date Requested:			Job #:
City: Simi Valley	TAT Requested (days): Normal			
State, Zip: CA, 93063				
Phone: 805-832-0718(Tel)	PO #: E243h_1L2_807			
Email: saichner@jacobandhefner.com	WO #:			
Project Name: Former Conexant Systems	Project #: 57001271			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

570-2371 Chain of Custody

J - DI Water
K - EDTA
L - EDA
V - MCAA
W - pH 4-5
Z - other (specify)
Other: H3PO4

Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL - (MOD) 8260B Routine Volatiles	8260B_SIM, RSK_175	2320B, 2540C_Calcd, 300_ORGFM_28D, 300_ORGFMS	6010B - (MOD) 6010B Metals Total	6010B - (MOD) 6010B Fe, Mn (Diss)	SM5310D - (MOD) Total Organic Carbon	VFA_HPLC - Full Analyte List						Total Number of containers	Special Instructions/Note:
				Preservation Code:				A	A	N	D	D	S	Z								
S20-1	1	7-19-19	1435	G	W	*	N	X	X	X	X	X	X	X							15	
S20-2	2		1320			*	N	X	X	X	X	X	X	X							15	
S2T-1	3		1235			*	N	X	X	X	X	X	X	X							15	
1-9	4		1035			N	N	X	X												8	
E1-1	5		0920			N	N	X	X												8	
1-10	6		0830			N	N	X	X												8	
1-1	7		0730			*	N	X	X	X	X	X	X								13	
TB-2	8		0600			N	N	X													3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) EDF Global ID: T0605900822

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: C Johnson	Date/Time: 7-19-19 1600	Company	Received by:	Date/Time: 7/19/19 1600	Company
Relinquished by:	Date/Time: 7/19/19 1740	Company	Received by:	Date/Time: 7/19/19 1740	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

2.0/2.2 2.2/2.4 SC 6

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8/8/2019 (Rev. 1)

Ver: 01/16/2019

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins Calscience

2371

Client Information	Sampler: BRYAN R.	Lab PM: Villafania, Richard	Carrier Tracking No(s):	COC No: 570-1530-308.11
Client Contact: Stacie Aichner	Phone:	E-Mail: richardvillafania@eurofinsus.com		Page: Page 2 of 4
Company: JHA Environmental, Inc.				Job #:
Address: 4680 East Los Angeles Avenue Suite O	Due Date Requested:			
City: Simi Valley	TAT Requested (days): Normal			
State, Zip: CA, 93063				
Phone: 805-832-0718(Tel)	PO #: E243h_1L2_807			
Email: saichner@jacobandhefner.com	WO #:			
Project Name: Former Conexant Systems	Project #: 57001271			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other: H3PO4

Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL - (MOD) 8260B Routine Volatiles	8260B_SIM, RSK_175	2320B, 2540C_Calcd, 300_ORGFM_28D, 300_ORGFMS	6010B - (MOD) 6010B Metals Total	6010B - (MOD) 6010B Fe, Mn (Diss)	SM5310D - (MOD) Total Organic Carbon	VFA_HPLC - Full Analyte List						Total Number of containers	Special Instructions/Note:
				Preservation Code:				A	A	N	D	D	9	Z								
M-45	9	071919	0718	G	W	N	N	X	X											3	
I-20	10	071919	0839	G	W	N	N	X	X											3	
M-33	11	071919	1039	G	W	N	N	X	X											3	
ES-4B	12	071919	1130	G	W	N	N	X	X											3	
ES-5A	13	071919	1258	G	W	N	N	X	X											3	
IT-5	14	071919	1447	G	W	N	N	X	X											3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) EDF Global ID: T0605900822

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	C Johnson	7-19-19 1600			7/19/19 1600	EC
2		7/19/19 1740	EC		7/19/19 1740	EC
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

8/8/2019 (Rev. 1)

Ver: 01/16/2019

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins Calscience

Client Information	Sampler: K Aichner	Lab PM: Villafania, Richard	Carrier Tracking No(s):	COC No: 570-1530-308.11
Client Contact: Stacie Aichner	Phone:	E-Mail: richardvillafania@eurofinsus.com		Page: Page 3 of 4
Company: JHA Environmental, Inc.		Analysis Requested		Job #:
Address: 4680 East Los Angeles Avenue Suite O	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
City: Simi Valley	TAT Requested (days): Normal			
State, Zip: CA, 93063				
Phone: 805-832-0718(Tel)	PO #: E243h_1L2_807			Other: H3PO4
Email: saichner@jacobandhefner.com	WO #:			
Project Name: Former Conexant Systems	Project #: 57001271			
Site:	SSOW#:			

Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL - (MOD) 8260B Routine Volatiles	8260B_SIM, RSK_175	2320B, 2540C_Calcd, 300_ORGFM_28D, 300_ORGFMS	6010B - (MOD) 6010B Metals Total	6010B - (MOD) 6010B Fe, Mn (Diss)	SM5310D - (MOD) Total Organic Carbon	VFA_HPLC - Full Analyte List	Total Number of Containers	Special Instructions/Note:
				Preservation Code:		X	X	A	A	N	D	D	S	Z		
I-6	KT	7/19/19	0723	G	W	N	N	X	X						8	
EI-3	16	"	0826	G	W	N	N	X	X						8	
M-40	17	"	0928	G	W	N	N	X	X						8	
EI-2	18	"	1020	G	W	N	N	X	X						8	
DUP-2	19	"	1025	G	W	N	N	X							3	
M-37	20	"	1130	G	W	N	N	X	X						8	
EI-4A	21	"	1346	G	W	N	N	X	X						8	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) EDF Global ID: T0605900822

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	C Johnson	7-19-19 1600			7/19/19 1650	
2		7/19/19 1740			7/19/19	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins Calscience

Client Information
Client Contact: Stacie Aichner
Company: JHA Environmental, Inc.
Address: 4680 East Los Angeles Avenue Suite O
City: Simi Valley
State, Zip: CA, 93063
Phone: 805-832-0718(Tel)
Email: saichner@jacobandhefner.com
Project Name: Former Conexant Systems
Site:

Sampler: E. Jones
Phone: [redacted] 42 / 949-664-8782
Lab PM: Villafania, Richard
E-Mail: richardvillafania@eurofinsus.com
Carrier Tracking No(s):
COC No: 570-1530-308.11
Page: Page 4 of 4
Job #:

Due Date Requested:
TAT Requested (days): Normal
PO #: E243h_1L2_807
WO #:
Project #: 57001271
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other: H3PO4

Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL - (MOD) 8260B Routine Volatiles	8260B_SIM, RSK_175	2320B, 2540C_Calcd, 300_ORGFM_28D, 300_ORGFMS	6010B - (MOD) 6010B Metals Total	6010B - (MOD) 6010B Fe, Mn (Diss)	SM5310D - (MOD) Total Organic Carbon	VFA_HPLC - Full Analyte List	Total Number of containers	Special Instructions/Note:
				Preservation Code:				A	A	N	D	D	S	Z		
RSK0-2	22	7/19/19	0740	G	W	N	N	X	X						3	
RSK0-1	23		0825			N	N	X	X						3	
M-39	24		0920			N	N	X	X						3	
I-8	25		1015			N	N	X	X						3	
M-38	26		1125			N	N	X	X						3	
M-25	27		1320			N	N	X	X						3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) EDF
Global ID: T0605900822

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: E. Jones	Date/Time: 7/19/19 1420	Company: JHA	Received by:		Date/Time: 7/19/19 1420	Company: EC	
Relinquished by:	Date/Time: 7/19/19 1740	Company: EC	Received by:		Date/Time: 7/19/19 1740	Company: EC	
Relinquished by:	Date/Time:	Company	Received by:		Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Jacob & Hefner Associates P.C. Job Number: 570-2371-1

Login Number: 2371 **List Source: Eurofins Calscience**
List Number: 1
Creator: Ramos, Maribel

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	-19 not received.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

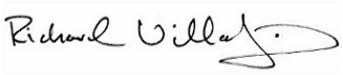
ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-2424-1
Client Project/Site: Former Conexant Systems
Revision: 1

For:
Jacob & Hefner Associates P.C.
4680 East Los Angeles Avenue
Suite O
Simi Valley, California 93063

Attn: Stacie L Aichner



Authorized for release by:
8/8/2019 2:07:16 PM

Richard Villafania, Project Manager I
(714)895-5494
richardvillafania@eurofinsus.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 570-2424-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-2424-1

Comments
No additional comments.

Receipt
The samples were received on 7/20/2019 11:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.7º C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Number of containers not specified.

GC/MS VOA
Method(s) 8260B: The laboratory control sample duplicate (LCSD) for analytical batch 570-8078 recovered outside control limits for the following analytes: Tetrachloroethene. Compound recovery in LCSD is 124, while the ME range is 72-128. The compound is within ME Range.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Air Toxics
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

Client Sample ID: TB-3 — Lab Sample ID: 570-2424-1

No Detections.

Client Sample ID: I-7 — Lab Sample ID: 570-2424-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	2.0	J	10	1.8	ug/L	20		8260B	Total/NA
cis-1,2-Dichloroethene	420		10	2.2	ug/L	20		8260B	Total/NA
1,2-Dichlorobenzene	36		10	1.6	ug/L	20		8260B	Total/NA
1,1-Dichloroethane	7.9	J	10	1.2	ug/L	20		8260B	Total/NA
1,1-Dichloroethene	2.3	J	10	2.1	ug/L	20		8260B	Total/NA
trans-1,2-Dichloroethene	15		10	1.6	ug/L	20		8260B	Total/NA
Vinyl chloride	300		10	1.6	ug/L	20		8260B	Total/NA
1,4-Dioxane	15		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethane	0.055	J	1.0	0.033	ug/L	1		RSK-175	Total/NA
Ethylene	6.4		1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	6.4		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: I-21 — Lab Sample ID: 570-2424-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.11	J	0.50	0.060	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.58		0.50	0.082	ug/L	1		8260B	Total/NA
Vinyl chloride	3.4		0.50	0.078	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.0		1.0	0.35	ug/L	1		8260C_SIM	Total/NA
Ethylene	0.25	J	1.0	0.051	ug/L	1		RSK-175	Total/NA
Methane	45		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: M-36 — Lab Sample ID: 570-2424-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.82		0.50	0.11	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.23	J	0.50	0.082	ug/L	1		8260B	Total/NA
Methane	11		1.0	0.0080	ug/L	1		RSK-175	Total/NA

Client Sample ID: DUP-3 — Lab Sample ID: 570-2424-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.76		0.50	0.11	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.24	J	0.50	0.082	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-3
Date Collected: 07/20/19 07:00
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 22:50	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 22:50	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 22:50	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 22:50	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 22:50	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 22:50	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 22:50	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 22:50	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 22:50	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 22:50	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 22:50	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 22:50	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 22:50	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 22:50	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 22:50	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 22:50	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 22:50	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 22:50	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 22:50	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 22:50	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 22:50	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 22:50	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 22:50	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 22:50	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 22:50	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 22:50	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 22:50	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 22:50	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 22:50	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 22:50	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 22:50	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 22:50	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 22:50	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 22:50	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 22:50	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 22:50	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 22:50	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 22:50	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 22:50	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 22:50	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 22:50	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 22:50	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 22:50	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 22:50	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 22:50	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 22:50	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 22:50	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 22:50	1
Styrene	ND		0.50	0.059	ug/L			07/25/19 22:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-3
Date Collected: 07/20/19 07:00
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 22:50	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 22:50	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 22:50	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 22:50	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 22:50	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/25/19 22:50	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 22:50	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 22:50	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 22:50	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 22:50	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 22:50	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 22:50	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 22:50	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 22:50	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 22:50	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 22:50	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 22:50	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 22:50	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/25/19 22:50	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 22:50	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*68 - 120*		*07/25/19 22:50*	*1*
Dibromofluoromethane	*103*		*80 - 127*		*07/25/19 22:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 128*		*07/25/19 22:50*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/25/19 22:50*	*1*

Client Sample ID: I-7
Date Collected: 07/20/19 09:55
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		200	80	ug/L			07/27/19 01:08	20
Benzene	ND		10	1.4	ug/L			07/27/19 01:08	20
Bromobenzene	ND		10	1.2	ug/L			07/27/19 01:08	20
Bromochloromethane	ND		20	1.6	ug/L			07/27/19 01:08	20
Bromodichloromethane	ND		10	1.1	ug/L			07/27/19 01:08	20
Bromoform	ND		10	1.9	ug/L			07/27/19 01:08	20
Bromomethane	ND		40	20	ug/L			07/27/19 01:08	20
2-Butanone	ND		100	9.2	ug/L			07/27/19 01:08	20
Carbon disulfide	ND		200	7.7	ug/L			07/27/19 01:08	20
Carbon tetrachloride	ND		10	1.1	ug/L			07/27/19 01:08	20
Chlorobenzene	**2.0**	**J**	10	1.8	ug/L			07/27/19 01:08	20
Chloroethane	ND		10	2.3	ug/L			07/27/19 01:08	20
Chloroform	ND		10	1.2	ug/L			07/27/19 01:08	20
Chloromethane	ND		100	39	ug/L			07/27/19 01:08	20
2-Chlorotoluene	ND		10	1.2	ug/L			07/27/19 01:08	20
4-Chlorotoluene	ND		10	1.8	ug/L			07/27/19 01:08	20
cis-1,2-Dichloroethene	**420**		10	2.2	ug/L			07/27/19 01:08	20
cis-1,3-Dichloropropene	ND		10	1.9	ug/L			07/27/19 01:08	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-7
Date Collected: 07/20/19 09:55
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		10	1.3	ug/L			07/27/19 01:08	20
1,2-Dibromo-3-Chloropropane	ND		100	10	ug/L			07/27/19 01:08	20
1,2-Dibromoethane	ND		10	1.2	ug/L			07/27/19 01:08	20
Dibromomethane	ND		10	2.5	ug/L			07/27/19 01:08	20
1,2-Dichlorobenzene	**36**		10	1.6	ug/L			07/27/19 01:08	20
1,3-Dichlorobenzene	ND		10	2.0	ug/L			07/27/19 01:08	20
1,4-Dichlorobenzene	ND		10	1.5	ug/L			07/27/19 01:08	20
Dichlorodifluoromethane	ND		20	2.0	ug/L			07/27/19 01:08	20
1,1-Dichloroethane	**7.9**	**J**	10	1.2	ug/L			07/27/19 01:08	20
1,2-Dichloroethane	ND		10	1.5	ug/L			07/27/19 01:08	20
1,1-Dichloroethene	**2.3**	**J**	10	2.1	ug/L			07/27/19 01:08	20
1,2-Dichloropropane	ND		10	2.0	ug/L			07/27/19 01:08	20
1,3-Dichloropropane	ND		20	1.6	ug/L			07/27/19 01:08	20
2,2-Dichloropropane	ND		20	7.5	ug/L			07/27/19 01:08	20
1,1-Dichloropropene	ND		10	1.4	ug/L			07/27/19 01:08	20
Di-isopropyl ether (DIPE)	ND		10	1.4	ug/L			07/27/19 01:08	20
Ethylbenzene	ND		10	1.7	ug/L			07/27/19 01:08	20
Ethyl-t-butyl ether (ETBE)	ND		10	1.7	ug/L			07/27/19 01:08	20
2-Hexanone	ND		200	10	ug/L			07/27/19 01:08	20
Isopropylbenzene	ND		10	1.5	ug/L			07/27/19 01:08	20
Methylene Chloride	ND		20	0.85	ug/L			07/27/19 01:08	20
4-Methyl-2-pentanone	ND		100	8.3	ug/L			07/27/19 01:08	20
Methyl-t-Butyl Ether (MTBE)	ND		10	1.3	ug/L			07/27/19 01:08	20
m,p-Xylene	ND		20	3.0	ug/L			07/27/19 01:08	20
Naphthalene	ND		20	1.9	ug/L			07/27/19 01:08	20
n-Butylbenzene	ND		10	2.2	ug/L			07/27/19 01:08	20
N-Propylbenzene	ND		10	1.5	ug/L			07/27/19 01:08	20
o-Xylene	ND		10	1.7	ug/L			07/27/19 01:08	20
p-Isopropyltoluene	ND		10	1.5	ug/L			07/27/19 01:08	20
sec-Butylbenzene	ND		10	1.9	ug/L			07/27/19 01:08	20
Styrene	ND		10	1.2	ug/L			07/27/19 01:08	20
Tert-amyl-methyl ether (TAME)	ND		10	2.0	ug/L			07/27/19 01:08	20
tert-Butyl alcohol (TBA)	ND		200	80	ug/L			07/27/19 01:08	20
tert-Butylbenzene	ND		10	1.6	ug/L			07/27/19 01:08	20
1,1,1,2-Tetrachloroethane	ND		10	1.4	ug/L			07/27/19 01:08	20
1,1,2,2-Tetrachloroethane	ND		10	1.7	ug/L			07/27/19 01:08	20
Tetrachloroethene	ND	*	10	4.8	ug/L			07/27/19 01:08	20
Toluene	ND		10	1.9	ug/L			07/27/19 01:08	20
trans-1,2-Dichloroethene	**15**		10	1.6	ug/L			07/27/19 01:08	20
trans-1,3-Dichloropropene	ND		10	1.1	ug/L			07/27/19 01:08	20
1,2,3-Trichlorobenzene	ND		10	2.4	ug/L			07/27/19 01:08	20
1,2,4-Trichlorobenzene	ND		10	1.8	ug/L			07/27/19 01:08	20
1,1,1-Trichloroethane	ND		10	1.7	ug/L			07/27/19 01:08	20
1,1,2-Trichloroethane	ND		10	1.4	ug/L			07/27/19 01:08	20
Trichloroethene	ND		10	2.0	ug/L			07/27/19 01:08	20
Trichlorofluoromethane	ND		10	2.1	ug/L			07/27/19 01:08	20
1,2,3-Trichloropropane	ND		20	1.5	ug/L			07/27/19 01:08	20
1,2,4-Trimethylbenzene	ND		10	1.4	ug/L			07/27/19 01:08	20
1,3,5-Trimethylbenzene	ND		10	1.6	ug/L			07/27/19 01:08	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-7
Date Collected: 07/20/19 09:55
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		100	14	ug/L			07/27/19 01:08	20
Vinyl chloride	**300**		10	1.6	ug/L			07/27/19 01:08	20
Hexachloro-1,3-butadiene	ND		40	12	ug/L			07/27/19 01:08	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*68 - 120*		*07/27/19 01:08*	*20*
Dibromofluoromethane	*106*		*80 - 127*		*07/27/19 01:08*	*20*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 128*		*07/27/19 01:08*	*20*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/27/19 01:08*	*20*

Client Sample ID: I-21
Date Collected: 07/20/19 08:10
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/27/19 01:59	1
Benzene	ND		0.50	0.072	ug/L			07/27/19 01:59	1
Bromobenzene	ND		0.50	0.061	ug/L			07/27/19 01:59	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/27/19 01:59	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/27/19 01:59	1
Bromoform	ND		0.50	0.096	ug/L			07/27/19 01:59	1
Bromomethane	ND		2.0	0.99	ug/L			07/27/19 01:59	1
2-Butanone	ND		5.0	0.46	ug/L			07/27/19 01:59	1
Carbon disulfide	ND		10	0.39	ug/L			07/27/19 01:59	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/27/19 01:59	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/27/19 01:59	1
Chloroethane	ND		0.50	0.12	ug/L			07/27/19 01:59	1
Chloroform	ND		0.50	0.062	ug/L			07/27/19 01:59	1
Chloromethane	ND		5.0	2.0	ug/L			07/27/19 01:59	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/27/19 01:59	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/27/19 01:59	1
cis-1,2-Dichloroethene	**16**		0.50	0.11	ug/L			07/27/19 01:59	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/27/19 01:59	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/27/19 01:59	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/27/19 01:59	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/27/19 01:59	1
Dibromomethane	ND		0.50	0.13	ug/L			07/27/19 01:59	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/27/19 01:59	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/27/19 01:59	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/27/19 01:59	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/27/19 01:59	1
1,1-Dichloroethane	**0.11**	**J**	0.50	0.060	ug/L			07/27/19 01:59	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/27/19 01:59	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/27/19 01:59	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/27/19 01:59	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/27/19 01:59	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/27/19 01:59	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/27/19 01:59	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/27/19 01:59	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/27/19 01:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/27/19 01:59	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: I-21
Date Collected: 07/20/19 08:10
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		10	0.50	ug/L			07/27/19 01:59	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/27/19 01:59	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/27/19 01:59	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/27/19 01:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/27/19 01:59	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/27/19 01:59	1
Naphthalene	ND		1.0	0.097	ug/L			07/27/19 01:59	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/27/19 01:59	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/27/19 01:59	1
o-Xylene	ND		0.50	0.086	ug/L			07/27/19 01:59	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/27/19 01:59	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/27/19 01:59	1
Styrene	ND		0.50	0.059	ug/L			07/27/19 01:59	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/27/19 01:59	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/27/19 01:59	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/27/19 01:59	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/27/19 01:59	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/27/19 01:59	1
Tetrachloroethene	ND	*	0.50	0.24	ug/L			07/27/19 01:59	1
Toluene	ND		0.50	0.093	ug/L			07/27/19 01:59	1
trans-1,2-Dichloroethene	**0.58**		0.50	0.082	ug/L			07/27/19 01:59	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/27/19 01:59	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/27/19 01:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/27/19 01:59	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/27/19 01:59	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/27/19 01:59	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 23:41	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/27/19 01:59	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/27/19 01:59	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/27/19 01:59	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/27/19 01:59	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/27/19 01:59	1
Vinyl chloride	**3.4**		0.50	0.078	ug/L			07/27/19 01:59	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/27/19 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*68 - 120*		*07/25/19 23:41*	*1*
4-Bromofluorobenzene (Surr)	*84*		*68 - 120*		*07/27/19 01:59*	*1*
Dibromofluoromethane	*105*		*80 - 127*		*07/25/19 23:41*	*1*
Dibromofluoromethane	*107*		*80 - 127*		*07/27/19 01:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 128*		*07/25/19 23:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 128*		*07/27/19 01:59*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/25/19 23:41*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/27/19 01:59*	*1*

Client Sample ID: M-36
Date Collected: 07/20/19 08:14
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 00:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-36
Date Collected: 07/20/19 08:14
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.072	ug/L			07/26/19 00:06	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 00:06	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 00:06	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 00:06	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 00:06	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 00:06	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 00:06	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 00:06	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 00:06	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 00:06	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 00:06	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 00:06	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 00:06	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 00:06	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 00:06	1
cis-1,2-Dichloroethene	**0.82**		0.50	0.11	ug/L			07/26/19 00:06	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 00:06	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 00:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 00:06	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 00:06	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 00:06	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 00:06	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 00:06	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 00:06	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 00:06	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 00:06	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 00:06	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 00:06	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 00:06	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 00:06	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 00:06	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 00:06	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 00:06	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 00:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 00:06	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 00:06	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 00:06	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 00:06	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 00:06	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 00:06	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 00:06	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 00:06	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 00:06	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 00:06	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 00:06	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 00:06	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 00:06	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 00:06	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 00:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: M-36
Date Collected: 07/20/19 08:14
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 00:06	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 00:06	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 00:06	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 00:06	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 00:06	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 00:06	1
trans-1,2-Dichloroethene	**0.23**	**J**	0.50	0.082	ug/L			07/26/19 00:06	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 00:06	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 00:06	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 00:06	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 00:06	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 00:06	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 00:06	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 00:06	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 00:06	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 00:06	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 00:06	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 00:06	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 00:06	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*68 - 120*		*07/26/19 00:06*	*1*
Dibromofluoromethane	*107*		*80 - 127*		*07/26/19 00:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 128*		*07/26/19 00:06*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/26/19 00:06*	*1*

Client Sample ID: DUP-3
Date Collected: 07/20/19 08:14
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 00:32	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 00:32	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 00:32	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 00:32	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 00:32	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 00:32	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 00:32	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 00:32	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 00:32	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 00:32	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 00:32	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 00:32	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 00:32	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 00:32	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 00:32	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 00:32	1
cis-1,2-Dichloroethene	**0.76**		0.50	0.11	ug/L			07/26/19 00:32	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 00:32	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 00:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DUP-3
Date Collected: 07/20/19 08:14
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 00:32	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 00:32	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 00:32	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 00:32	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 00:32	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 00:32	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 00:32	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 00:32	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 00:32	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 00:32	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 00:32	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 00:32	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 00:32	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 00:32	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 00:32	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 00:32	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 00:32	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 00:32	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 00:32	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 00:32	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 00:32	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 00:32	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 00:32	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 00:32	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 00:32	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 00:32	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 00:32	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 00:32	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 00:32	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 00:32	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 00:32	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 00:32	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 00:32	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 00:32	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 00:32	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 00:32	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 00:32	1
trans-1,2-Dichloroethene	**0.24**	**J**	0.50	0.082	ug/L			07/26/19 00:32	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 00:32	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 00:32	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 00:32	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 00:32	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 00:32	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 00:32	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 00:32	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 00:32	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 00:32	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 00:32	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 00:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DUP-3
Date Collected: 07/20/19 08:14
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 00:32	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*07/26/19 00:32*	*1*
Dibromofluoromethane	*108*		*80 - 127*		*07/26/19 00:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 128*		*07/26/19 00:32*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/26/19 00:32*	*1*

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

Method: 8260C_SIM - 1,4-Dioxane by SIM

Client Sample ID: I-7
Date Collected: 07/20/19 09:55
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**15**		1.0	0.35	ug/L			07/31/19 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*78*		*67 - 133*		*07/31/19 21:03*	*1*

Client Sample ID: I-21
Date Collected: 07/20/19 08:10
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.0**		1.0	0.35	ug/L			07/31/19 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*87*		*67 - 133*		*07/31/19 21:32*	*1*

Client Sample ID: M-36
Date Collected: 07/20/19 08:14
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/31/19 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*94*		*67 - 133*		*07/31/19 22:02*	*1*

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

Method: RSK-175 - Dissolved Gases in Water

Client Sample ID: I-7
Date Collected: 07/20/19 09:55
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**0.055**	**J**	1.0	0.033	ug/L			07/22/19 14:17	1
Ethylene	**6.4**		1.0	0.051	ug/L			07/22/19 14:17	1
Methane	**6.4**		1.0	0.0080	ug/L			07/22/19 14:17	1

Client Sample ID: I-21
Date Collected: 07/20/19 08:10
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 14:43	1
Ethylene	**0.25**	**J**	1.0	0.051	ug/L			07/22/19 14:43	1
Methane	**45**		1.0	0.0080	ug/L			07/22/19 14:43	1

Client Sample ID: M-36
Date Collected: 07/20/19 08:14
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 15:16	1
Ethylene	ND		1.0	0.051	ug/L			07/22/19 15:16	1
Methane	**11**		1.0	0.0080	ug/L			07/22/19 15:16	1

Surrogate Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (68-120)	DBFM (80-127)	DCA (80-128)	TOL (80-120)
570-2424-1	TB-3	89	103	108	100
570-2424-2	I-7	86	106	110	102
570-2424-3	I-21	89	105	110	100
570-2424-3	I-21	84	107	111	101
570-2424-4	M-36	89	107	111	101
570-2424-5	DUP-3	88	108	111	101
LCS 570-7799/4	Lab Control Sample	101	104	99	102
LCS 570-8078/4	Lab Control Sample	101	103	99	100
LCSD 570-7799/5	Lab Control Sample Dup	101	102	99	101
LCSD 570-8078/5	Lab Control Sample Dup	100	103	97	100
MB 570-7799/8	Method Blank	88	105	108	100
MB 570-8078/8	Method Blank	86	104	110	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C_SIM - 1,4-Dioxane by SIM

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	14DCBTN (67-133)
570-2424-2	I-7	78
570-2424-3	I-21	87
570-2424-4	M-36	94
LCS 570-9235/3	Lab Control Sample	96
LCSD 570-9235/4	Lab Control Sample Dup	100
MB 570-9235/6	Method Blank	98

Surrogate Legend

14DCBTN = 1,4-Dichlorobutane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-7799/8
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/25/19 18:26	1
Benzene	ND		0.50	0.072	ug/L			07/25/19 18:26	1
Bromobenzene	ND		0.50	0.061	ug/L			07/25/19 18:26	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/25/19 18:26	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/25/19 18:26	1
Bromoform	ND		0.50	0.096	ug/L			07/25/19 18:26	1
Bromomethane	ND		2.0	0.99	ug/L			07/25/19 18:26	1
2-Butanone	ND		5.0	0.46	ug/L			07/25/19 18:26	1
Carbon disulfide	ND		10	0.39	ug/L			07/25/19 18:26	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/25/19 18:26	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/25/19 18:26	1
Chloroethane	ND		0.50	0.12	ug/L			07/25/19 18:26	1
Chloroform	ND		0.50	0.062	ug/L			07/25/19 18:26	1
Chloromethane	ND		5.0	2.0	ug/L			07/25/19 18:26	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/25/19 18:26	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/25/19 18:26	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/25/19 18:26	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/25/19 18:26	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/25/19 18:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/25/19 18:26	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/25/19 18:26	1
Dibromomethane	ND		0.50	0.13	ug/L			07/25/19 18:26	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/25/19 18:26	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/25/19 18:26	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/25/19 18:26	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/25/19 18:26	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/25/19 18:26	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/25/19 18:26	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/25/19 18:26	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/25/19 18:26	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/25/19 18:26	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/25/19 18:26	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/25/19 18:26	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/25/19 18:26	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/25/19 18:26	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/25/19 18:26	1
2-Hexanone	ND		10	0.50	ug/L			07/25/19 18:26	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/25/19 18:26	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/25/19 18:26	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/25/19 18:26	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/25/19 18:26	1
m,p-Xylene	ND		1.0	0.15	ug/L			07/25/19 18:26	1
Naphthalene	ND		1.0	0.097	ug/L			07/25/19 18:26	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/25/19 18:26	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/25/19 18:26	1
o-Xylene	ND		0.50	0.086	ug/L			07/25/19 18:26	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/25/19 18:26	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/25/19 18:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-7799/8
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.50	0.059	ug/L			07/25/19 18:26	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/25/19 18:26	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/25/19 18:26	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/25/19 18:26	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/25/19 18:26	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/25/19 18:26	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/25/19 18:26	1
Toluene	ND		0.50	0.093	ug/L			07/25/19 18:26	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/25/19 18:26	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/25/19 18:26	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/25/19 18:26	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/25/19 18:26	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/25/19 18:26	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/25/19 18:26	1
Trichloroethene	ND		0.50	0.10	ug/L			07/25/19 18:26	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/25/19 18:26	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/25/19 18:26	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/25/19 18:26	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/25/19 18:26	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/25/19 18:26	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/25/19 18:26	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/25/19 18:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*07/25/19 18:26*	*1*
Dibromofluoromethane	*105*		*80 - 127*		*07/25/19 18:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 128*		*07/25/19 18:26*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/25/19 18:26*	*1*

Lab Sample ID: LCS 570-7799/4
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	11.36		ug/L		114	50 - 150
Benzene	10.0	10.52		ug/L		105	80 - 120
Bromobenzene	10.0	10.71		ug/L		107	80 - 120
Bromochloromethane	10.0	10.30		ug/L		103	75 - 123
Bromodichloromethane	10.0	10.88		ug/L		109	80 - 121
Bromoform	10.0	10.08		ug/L		101	74 - 140
Bromomethane	10.0	9.980		ug/L		100	50 - 150
2-Butanone	10.0	9.769		ug/L		98	55 - 187
Carbon disulfide	10.0	11.10		ug/L		111	64 - 130
Carbon tetrachloride	10.0	10.44		ug/L		104	80 - 129
Chlorobenzene	10.0	10.33		ug/L		103	80 - 120
Chloroethane	10.0	9.754		ug/L		98	72 - 126
Chloroform	10.0	10.47		ug/L		105	76 - 124
Chloromethane	10.0	10.08		ug/L		101	53 - 143

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7799/4
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	10.0	10.21		ug/L		102	80 - 124
4-Chlorotoluene	10.0	10.23		ug/L		102	80 - 122
cis-1,2-Dichloroethene	10.0	10.47		ug/L		105	75 - 123
cis-1,3-Dichloropropene	10.0	10.25		ug/L		102	80 - 122
Dibromochloromethane	10.0	10.81		ug/L		108	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	9.305		ug/L		93	80 - 124
1,2-Dibromoethane	10.0	10.37		ug/L		104	80 - 120
Dibromomethane	10.0	10.36		ug/L		104	80 - 122
1,2-Dichlorobenzene	10.0	10.35		ug/L		103	80 - 120
1,3-Dichlorobenzene	10.0	10.48		ug/L		105	80 - 122
1,4-Dichlorobenzene	10.0	10.03		ug/L		100	80 - 120
Dichlorodifluoromethane	10.0	8.361		ug/L		84	50 - 150
1,1-Dichloroethane	10.0	10.18		ug/L		102	71 - 120
1,2-Dichloroethane	10.0	10.52		ug/L		105	80 - 122
1,1-Dichloroethene	10.0	10.76		ug/L		108	77 - 120
1,2-Dichloropropane	10.0	10.06		ug/L		101	80 - 120
1,3-Dichloropropane	10.0	10.33		ug/L		103	80 - 120
2,2-Dichloropropane	10.0	10.51		ug/L		105	64 - 154
1,1-Dichloropropene	10.0	10.12		ug/L		101	78 - 126
Di-isopropyl ether (DIPE)	10.0	10.18		ug/L		102	73 - 121
Ethylbenzene	10.0	10.80		ug/L		108	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.549		ug/L		95	76 - 124
2-Hexanone	10.0	9.497	J	ug/L		95	67 - 151
Isopropylbenzene	10.0	10.72		ug/L		107	80 - 124
Methylene Chloride	10.0	10.69		ug/L		107	77 - 120
4-Methyl-2-pentanone	10.0	8.878		ug/L		89	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	9.891		ug/L		99	75 - 123
m,p-Xylene	20.0	22.31		ug/L		112	80 - 120
Naphthalene	10.0	10.30		ug/L		103	73 - 139
n-Butylbenzene	10.0	10.60		ug/L		106	80 - 126
N-Propylbenzene	10.0	11.23		ug/L		112	79 - 127
o-Xylene	10.0	10.76		ug/L		108	80 - 120
p-Isopropyltoluene	10.0	10.32		ug/L		103	80 - 120
sec-Butylbenzene	10.0	10.28		ug/L		103	79 - 127
Styrene	10.0	11.17		ug/L		112	80 - 120
Tert-amyl-methyl ether (TAME)	10.0	9.754		ug/L		98	80 - 120
tert-Butyl alcohol (TBA)	50.0	55.07		ug/L		110	80 - 120
tert-Butylbenzene	10.0	10.24		ug/L		102	80 - 125
1,1,1,2-Tetrachloroethane	10.0	10.52		ug/L		105	80 - 122
1,1,2,2-Tetrachloroethane	10.0	9.865		ug/L		99	80 - 121
Tetrachloroethene	10.0	10.61		ug/L		106	79 - 121
Toluene	10.0	10.55		ug/L		106	80 - 120
trans-1,2-Dichloroethene	10.0	10.53		ug/L		105	77 - 125
trans-1,3-Dichloropropene	10.0	10.18		ug/L		102	80 - 120
1,2,3-Trichlorobenzene	10.0	10.78		ug/L		108	80 - 122
1,2,4-Trichlorobenzene	10.0	10.53		ug/L		105	80 - 122
1,1,1-Trichloroethane	10.0	10.28		ug/L		103	80 - 128
1,1,2-Trichloroethane	10.0	10.47		ug/L		105	80 - 120
Trichloroethene	10.0	10.48		ug/L		105	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-7799/4
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	10.0	9.540		ug/L		95	77 - 125
1,2,3-Trichloropropane	10.0	10.70		ug/L		107	76 - 120
1,2,4-Trimethylbenzene	10.0	10.42		ug/L		104	80 - 120
1,3,5-Trimethylbenzene	10.0	10.96		ug/L		110	80 - 122
Vinyl acetate	10.0	8.263		ug/L		83	74 - 128
Vinyl chloride	10.0	9.632		ug/L		96	63 - 135
Hexachloro-1,3-butadiene	10.0	10.40		ug/L		104	80 - 122
Isopropanol	50.0	52.38	J	ug/L		105	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*104*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-7799/5
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10.0	11.07		ug/L		111	50 - 150	3	30
Benzene	10.0	10.25		ug/L		102	80 - 120	3	22
Bromobenzene	10.0	10.54		ug/L		105	80 - 120	2	22
Bromochloromethane	10.0	10.26		ug/L		103	75 - 123	0	27
Bromodichloromethane	10.0	10.44		ug/L		104	80 - 121	4	29
Bromoform	10.0	10.30		ug/L		103	74 - 140	2	30
Bromomethane	10.0	10.13		ug/L		101	50 - 150	2	30
2-Butanone	10.0	10.09		ug/L		101	55 - 187	3	30
Carbon disulfide	10.0	10.76		ug/L		108	64 - 130	3	34
Carbon tetrachloride	10.0	10.32		ug/L		103	80 - 129	1	36
Chlorobenzene	10.0	10.34		ug/L		103	80 - 120	0	29
Chloroethane	10.0	9.455		ug/L		95	72 - 126	3	30
Chloroform	10.0	10.27		ug/L		103	76 - 124	2	29
Chloromethane	10.0	10.28		ug/L		103	53 - 143	2	30
2-Chlorotoluene	10.0	10.08		ug/L		101	80 - 124	1	29
4-Chlorotoluene	10.0	9.874		ug/L		99	80 - 122	4	25
cis-1,2-Dichloroethene	10.0	10.29		ug/L		103	75 - 123	2	26
cis-1,3-Dichloropropene	10.0	10.09		ug/L		101	80 - 122	2	30
Dibromochloromethane	10.0	10.52		ug/L		105	79 - 127	3	30
1,2-Dibromo-3-Chloropropane	10.0	9.410		ug/L		94	80 - 124	1	23
1,2-Dibromoethane	10.0	10.37		ug/L		104	80 - 120	0	32
Dibromomethane	10.0	10.38		ug/L		104	80 - 122	0	30
1,2-Dichlorobenzene	10.0	10.20		ug/L		102	80 - 120	1	30
1,3-Dichlorobenzene	10.0	10.32		ug/L		103	80 - 122	2	30
1,4-Dichlorobenzene	10.0	10.02		ug/L		100	80 - 120	0	20
Dichlorodifluoromethane	10.0	8.089		ug/L		81	50 - 150	3	30
1,1-Dichloroethane	10.0	10.09		ug/L		101	71 - 120	1	30
1,2-Dichloroethane	10.0	10.36		ug/L		104	80 - 122	2	23

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7799/5
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			10.0	10.41		ug/L		104	77 - 120	3	26
1,2-Dichloropropane			10.0	9.991		ug/L		100	80 - 120	1	23
1,3-Dichloropropane			10.0	10.35		ug/L		103	80 - 120	0	24
2,2-Dichloropropane			10.0	10.01		ug/L		100	64 - 154	5	30
1,1-Dichloropropene			10.0	9.873		ug/L		99	78 - 126	2	24
Di-isopropyl ether (DIPE)			10.0	9.957		ug/L		100	73 - 121	2	26
Ethylbenzene			10.0	10.51		ug/L		105	80 - 120	3	25
Ethyl-t-butyl ether (ETBE)			10.0	9.518		ug/L		95	76 - 124	0	30
2-Hexanone			10.0	10.98		ug/L		110	67 - 151	14	30
Isopropylbenzene			10.0	10.51		ug/L		105	80 - 124	2	30
Methylene Chloride			10.0	10.39		ug/L		104	77 - 120	3	24
4-Methyl-2-pentanone			10.0	8.917		ug/L		89	73 - 127	0	30
Methyl-t-Butyl Ether (MTBE)			10.0	9.891		ug/L		99	75 - 123	0	27
m,p-Xylene			20.0	21.64		ug/L		108	80 - 120	3	30
Naphthalene			10.0	10.51		ug/L		105	73 - 139	2	30
n-Butylbenzene			10.0	10.44		ug/L		104	80 - 126	2	30
N-Propylbenzene			10.0	10.97		ug/L		110	79 - 127	2	30
o-Xylene			10.0	10.53		ug/L		105	80 - 120	2	30
p-Isopropyltoluene			10.0	10.08		ug/L		101	80 - 120	2	22
sec-Butylbenzene			10.0	9.991		ug/L		100	79 - 127	3	30
Styrene			10.0	10.82		ug/L		108	80 - 120	3	24
Tert-amyl-methyl ether (TAME)			10.0	9.865		ug/L		99	80 - 120	1	24
tert-Butyl alcohol (TBA)			50.0	58.59		ug/L		117	80 - 120	6	30
tert-Butylbenzene			10.0	9.952		ug/L		100	80 - 125	3	30
1,1,1,2-Tetrachloroethane			10.0	10.28		ug/L		103	80 - 122	2	24
1,1,2,2-Tetrachloroethane			10.0	9.701		ug/L		97	80 - 121	2	30
Tetrachloroethene			10.0	10.91		ug/L		109	79 - 121	3	29
Toluene			10.0	10.26		ug/L		103	80 - 120	3	28
trans-1,2-Dichloroethene			10.0	10.17		ug/L		102	77 - 125	3	30
trans-1,3-Dichloropropene			10.0	10.21		ug/L		102	80 - 120	0	26
1,2,3-Trichlorobenzene			10.0	10.67		ug/L		107	80 - 122	1	30
1,2,4-Trichlorobenzene			10.0	10.64		ug/L		106	80 - 122	1	30
1,1,1-Trichloroethane			10.0	9.976		ug/L		100	80 - 128	3	23
1,1,2-Trichloroethane			10.0	10.44		ug/L		104	80 - 120	0	21
Trichloroethene			10.0	10.18		ug/L		102	80 - 120	3	25
Trichlorofluoromethane			10.0	9.076		ug/L		91	77 - 125	5	30
1,2,3-Trichloropropane			10.0	10.79		ug/L		108	76 - 120	1	30
1,2,4-Trimethylbenzene			10.0	10.26		ug/L		103	80 - 120	2	30
1,3,5-Trimethylbenzene			10.0	10.73		ug/L		107	80 - 122	2	30
Vinyl acetate			10.0	9.572		ug/L		96	74 - 128	15	30
Vinyl chloride			10.0	9.342		ug/L		93	63 - 135	3	30
Hexachloro-1,3-butadiene			10.0	10.06		ug/L		101	80 - 122	3	30
Isopropanol			50.0	48.32	J	ug/L		97	80 - 120	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*102*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-7799/5
Matrix: Water
Analysis Batch: 7799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: MB 570-8078/8
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			07/26/19 17:53	1
Benzene	ND		0.50	0.072	ug/L			07/26/19 17:53	1
Bromobenzene	ND		0.50	0.061	ug/L			07/26/19 17:53	1
Bromochloromethane	ND		1.0	0.082	ug/L			07/26/19 17:53	1
Bromodichloromethane	ND		0.50	0.053	ug/L			07/26/19 17:53	1
Bromoform	ND		0.50	0.096	ug/L			07/26/19 17:53	1
Bromomethane	ND		2.0	0.99	ug/L			07/26/19 17:53	1
2-Butanone	ND		5.0	0.46	ug/L			07/26/19 17:53	1
Carbon disulfide	ND		10	0.39	ug/L			07/26/19 17:53	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			07/26/19 17:53	1
Chlorobenzene	ND		0.50	0.088	ug/L			07/26/19 17:53	1
Chloroethane	ND		0.50	0.12	ug/L			07/26/19 17:53	1
Chloroform	ND		0.50	0.062	ug/L			07/26/19 17:53	1
Chloromethane	ND		5.0	2.0	ug/L			07/26/19 17:53	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			07/26/19 17:53	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			07/26/19 17:53	1
cis-1,2-Dichloroethene	ND		0.50	0.11	ug/L			07/26/19 17:53	1
cis-1,3-Dichloropropene	ND		0.50	0.096	ug/L			07/26/19 17:53	1
Dibromochloromethane	ND		0.50	0.064	ug/L			07/26/19 17:53	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			07/26/19 17:53	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			07/26/19 17:53	1
Dibromomethane	ND		0.50	0.13	ug/L			07/26/19 17:53	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			07/26/19 17:53	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			07/26/19 17:53	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			07/26/19 17:53	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			07/26/19 17:53	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			07/26/19 17:53	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			07/26/19 17:53	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			07/26/19 17:53	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			07/26/19 17:53	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			07/26/19 17:53	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			07/26/19 17:53	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			07/26/19 17:53	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			07/26/19 17:53	1
Ethylbenzene	ND		0.50	0.087	ug/L			07/26/19 17:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			07/26/19 17:53	1
2-Hexanone	ND		10	0.50	ug/L			07/26/19 17:53	1
Isopropylbenzene	ND		0.50	0.077	ug/L			07/26/19 17:53	1
Methylene Chloride	ND		1.0	0.043	ug/L			07/26/19 17:53	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			07/26/19 17:53	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			07/26/19 17:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-8078/8
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		1.0	0.15	ug/L			07/26/19 17:53	1
Naphthalene	ND		1.0	0.097	ug/L			07/26/19 17:53	1
n-Butylbenzene	ND		0.50	0.11	ug/L			07/26/19 17:53	1
N-Propylbenzene	ND		0.50	0.076	ug/L			07/26/19 17:53	1
o-Xylene	ND		0.50	0.086	ug/L			07/26/19 17:53	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			07/26/19 17:53	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			07/26/19 17:53	1
Styrene	ND		0.50	0.059	ug/L			07/26/19 17:53	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			07/26/19 17:53	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			07/26/19 17:53	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			07/26/19 17:53	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/26/19 17:53	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			07/26/19 17:53	1
Tetrachloroethene	ND		0.50	0.24	ug/L			07/26/19 17:53	1
Toluene	ND		0.50	0.093	ug/L			07/26/19 17:53	1
trans-1,2-Dichloroethene	ND		0.50	0.082	ug/L			07/26/19 17:53	1
trans-1,3-Dichloropropene	ND		0.50	0.053	ug/L			07/26/19 17:53	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			07/26/19 17:53	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			07/26/19 17:53	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			07/26/19 17:53	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			07/26/19 17:53	1
Trichloroethene	ND		0.50	0.10	ug/L			07/26/19 17:53	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			07/26/19 17:53	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			07/26/19 17:53	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			07/26/19 17:53	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			07/26/19 17:53	1
Vinyl acetate	ND		5.0	0.70	ug/L			07/26/19 17:53	1
Vinyl chloride	ND		0.50	0.078	ug/L			07/26/19 17:53	1
Hexachloro-1,3-butadiene	ND		2.0	0.59	ug/L			07/26/19 17:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*68 - 120*		*07/26/19 17:53*	*1*
Dibromofluoromethane	*104*		*80 - 127*		*07/26/19 17:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 128*		*07/26/19 17:53*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/26/19 17:53*	*1*

Lab Sample ID: LCS 570-8078/4
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	10.41		ug/L		104	50 - 150
Benzene	10.0	10.28		ug/L		103	80 - 120
Bromobenzene	10.0	10.62		ug/L		106	80 - 120
Bromochloromethane	10.0	10.42		ug/L		104	75 - 123
Bromodichloromethane	10.0	10.47		ug/L		105	80 - 121
Bromoform	10.0	9.960		ug/L		100	74 - 140
Bromomethane	10.0	10.40		ug/L		104	50 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-8078/4
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone	10.0	7.884		ug/L		79	55 - 187
Carbon disulfide	10.0	10.41		ug/L		104	64 - 130
Carbon tetrachloride	10.0	10.10		ug/L		101	80 - 129
Chlorobenzene	10.0	10.30		ug/L		103	80 - 120
Chloroethane	10.0	10.30		ug/L		103	72 - 126
Chloroform	10.0	10.35		ug/L		103	76 - 124
Chloromethane	10.0	10.31		ug/L		103	53 - 143
2-Chlorotoluene	10.0	10.17		ug/L		102	80 - 124
4-Chlorotoluene	10.0	10.01		ug/L		100	80 - 122
cis-1,2-Dichloroethene	10.0	10.37		ug/L		104	75 - 123
cis-1,3-Dichloropropene	10.0	10.04		ug/L		100	80 - 122
Dibromochloromethane	10.0	10.38		ug/L		104	79 - 127
1,2-Dibromo-3-Chloropropane	10.0	8.917		ug/L		89	80 - 124
1,2-Dibromoethane	10.0	10.17		ug/L		102	80 - 120
Dibromomethane	10.0	10.52		ug/L		105	80 - 122
1,2-Dichlorobenzene	10.0	10.33		ug/L		103	80 - 120
1,3-Dichlorobenzene	10.0	10.47		ug/L		105	80 - 122
1,4-Dichlorobenzene	10.0	9.978		ug/L		100	80 - 120
Dichlorodifluoromethane	10.0	8.414		ug/L		84	50 - 150
1,1-Dichloroethane	10.0	9.930		ug/L		99	71 - 120
1,2-Dichloroethane	10.0	10.36		ug/L		104	80 - 122
1,1-Dichloroethene	10.0	10.09		ug/L		101	77 - 120
1,2-Dichloropropane	10.0	9.888		ug/L		99	80 - 120
1,3-Dichloropropane	10.0	10.15		ug/L		101	80 - 120
2,2-Dichloropropane	10.0	10.07		ug/L		101	64 - 154
1,1-Dichloropropene	10.0	9.667		ug/L		97	78 - 126
Di-isopropyl ether (DIPE)	10.0	10.06		ug/L		101	73 - 121
Ethylbenzene	10.0	10.49		ug/L		105	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.378		ug/L		94	76 - 124
2-Hexanone	10.0	9.507	J	ug/L		95	67 - 151
Isopropylbenzene	10.0	10.45		ug/L		104	80 - 124
Methylene Chloride	10.0	10.50		ug/L		105	77 - 120
4-Methyl-2-pentanone	10.0	8.532		ug/L		85	73 - 127
Methyl-t-Butyl Ether (MTBE)	10.0	9.378		ug/L		94	75 - 123
m,p-Xylene	20.0	21.68		ug/L		108	80 - 120
Naphthalene	10.0	10.18		ug/L		102	73 - 139
n-Butylbenzene	10.0	10.46		ug/L		105	80 - 126
N-Propylbenzene	10.0	10.96		ug/L		110	79 - 127
o-Xylene	10.0	10.53		ug/L		105	80 - 120
p-Isopropyltoluene	10.0	10.26		ug/L		103	80 - 120
sec-Butylbenzene	10.0	10.21		ug/L		102	79 - 127
Styrene	10.0	11.03		ug/L		110	80 - 120
Tert-amyl-methyl ether (TAME)	10.0	9.635		ug/L		96	80 - 120
tert-Butyl alcohol (TBA)	50.0	53.91		ug/L		108	80 - 120
tert-Butylbenzene	10.0	10.15		ug/L		102	80 - 125
1,1,1,2-Tetrachloroethane	10.0	10.35		ug/L		103	80 - 122
1,1,2,2-Tetrachloroethane	10.0	9.463		ug/L		95	80 - 121
Tetrachloroethene	10.0	10.22		ug/L		102	79 - 121
Toluene	10.0	10.29		ug/L		103	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-8078/4
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
trans-1,2-Dichloroethene			10.0	10.05		ug/L		100	77 - 125		
trans-1,3-Dichloropropene			10.0	10.30		ug/L		103	80 - 120		
1,2,3-Trichlorobenzene			10.0	10.79		ug/L		108	80 - 122		
1,2,4-Trichlorobenzene			10.0	10.56		ug/L		106	80 - 122		
1,1,1-Trichloroethane			10.0	9.827		ug/L		98	80 - 128		
1,1,2-Trichloroethane			10.0	10.09		ug/L		101	80 - 120		
Trichloroethene			10.0	10.08		ug/L		101	80 - 120		
Trichlorofluoromethane			10.0	9.612		ug/L		96	77 - 125		
1,2,3-Trichloropropane			10.0	10.63		ug/L		106	76 - 120		
1,2,4-Trimethylbenzene			10.0	10.40		ug/L		104	80 - 120		
1,3,5-Trimethylbenzene			10.0	10.79		ug/L		108	80 - 122		
Vinyl acetate			10.0	9.648		ug/L		96	74 - 128		
Vinyl chloride			10.0	9.497		ug/L		95	63 - 135		
Hexachloro-1,3-butadiene			10.0	10.49		ug/L		105	80 - 122		
Isopropanol			50.0	46.06	J	ug/L		92	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*103*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-8078/5
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			10.0	11.38		ug/L		114	50 - 150	9	30
Benzene			10.0	10.04		ug/L		100	80 - 120	2	22
Bromobenzene			10.0	10.64		ug/L		106	80 - 120	0	22
Bromochloromethane			10.0	9.903		ug/L		99	75 - 123	5	27
Bromodichloromethane			10.0	10.31		ug/L		103	80 - 121	2	29
Bromoform			10.0	10.21		ug/L		102	74 - 140	3	30
Bromomethane			10.0	9.856		ug/L		99	50 - 150	5	30
2-Butanone			10.0	9.745		ug/L		97	55 - 187	21	30
Carbon disulfide			10.0	10.34		ug/L		103	64 - 130	1	34
Carbon tetrachloride			10.0	9.809		ug/L		98	80 - 129	3	36
Chlorobenzene			10.0	10.15		ug/L		101	80 - 120	2	29
Chloroethane			10.0	10.48		ug/L		105	72 - 126	2	30
Chloroform			10.0	9.993		ug/L		100	76 - 124	3	29
Chloromethane			10.0	9.804		ug/L		98	53 - 143	5	30
2-Chlorotoluene			10.0	9.990		ug/L		100	80 - 124	2	29
4-Chlorotoluene			10.0	10.03		ug/L		100	80 - 122	0	25
cis-1,2-Dichloroethene			10.0	10.10		ug/L		101	75 - 123	3	26
cis-1,3-Dichloropropene			10.0	9.831		ug/L		98	80 - 122	2	30
Dibromochloromethane			10.0	10.35		ug/L		103	79 - 127	0	30
1,2-Dibromo-3-Chloropropane			10.0	9.043		ug/L		90	80 - 124	1	23
1,2-Dibromoethane			10.0	10.03		ug/L		100	80 - 120	1	32

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-8078/5
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromomethane	10.0	10.25		ug/L		102	80 - 122	3	30
1,2-Dichlorobenzene	10.0	10.09		ug/L		101	80 - 120	2	30
1,3-Dichlorobenzene	10.0	10.45		ug/L		105	80 - 122	0	30
1,4-Dichlorobenzene	10.0	9.836		ug/L		98	80 - 120	1	20
Dichlorodifluoromethane	10.0	8.113		ug/L		81	50 - 150	4	30
1,1-Dichloroethane	10.0	9.798		ug/L		98	71 - 120	1	30
1,2-Dichloroethane	10.0	10.23		ug/L		102	80 - 122	1	23
1,1-Dichloroethene	10.0	9.842		ug/L		98	77 - 120	2	26
1,2-Dichloropropane	10.0	9.902		ug/L		99	80 - 120	0	23
1,3-Dichloropropane	10.0	10.03		ug/L		100	80 - 120	1	24
2,2-Dichloropropane	10.0	9.676		ug/L		97	64 - 154	4	30
1,1-Dichloropropene	10.0	9.445		ug/L		94	78 - 126	2	24
Di-isopropyl ether (DIPE)	10.0	9.895		ug/L		99	73 - 121	2	26
Ethylbenzene	10.0	10.37		ug/L		104	80 - 120	1	25
Ethyl-t-butyl ether (ETBE)	10.0	9.335		ug/L		93	76 - 124	0	30
2-Hexanone	10.0	9.866	J	ug/L		99	67 - 151	4	30
Isopropylbenzene	10.0	10.31		ug/L		103	80 - 124	1	30
Methylene Chloride	10.0	10.40		ug/L		104	77 - 120	1	24
4-Methyl-2-pentanone	10.0	8.533		ug/L		85	73 - 127	0	30
Methyl-t-Butyl Ether (MTBE)	10.0	9.524		ug/L		95	75 - 123	2	27
m,p-Xylene	20.0	21.36		ug/L		107	80 - 120	1	30
Naphthalene	10.0	9.998		ug/L		100	73 - 139	2	30
n-Butylbenzene	10.0	10.34		ug/L		103	80 - 126	1	30
N-Propylbenzene	10.0	10.75		ug/L		108	79 - 127	2	30
o-Xylene	10.0	10.45		ug/L		104	80 - 120	1	30
p-Isopropyltoluene	10.0	9.976		ug/L		100	80 - 120	3	22
sec-Butylbenzene	10.0	10.02		ug/L		100	79 - 127	2	30
Styrene	10.0	10.86		ug/L		109	80 - 120	2	24
Tert-amyl-methyl ether (TAME)	10.0	9.549		ug/L		95	80 - 120	1	24
tert-Butyl alcohol (TBA)	50.0	57.12		ug/L		114	80 - 120	6	30
tert-Butylbenzene	10.0	9.802		ug/L		98	80 - 125	4	30
1,1,1,2-Tetrachloroethane	10.0	10.10		ug/L		101	80 - 122	2	24
1,1,2,2-Tetrachloroethane	10.0	9.526		ug/L		95	80 - 121	1	30
Tetrachloroethene	10.0	12.45	*	ug/L		124	79 - 121	20	29
Toluene	10.0	10.15		ug/L		102	80 - 120	1	28
trans-1,2-Dichloroethene	10.0	9.875		ug/L		99	77 - 125	2	30
trans-1,3-Dichloropropene	10.0	10.07		ug/L		101	80 - 120	2	26
1,2,3-Trichlorobenzene	10.0	10.63		ug/L		106	80 - 122	2	30
1,2,4-Trichlorobenzene	10.0	10.43		ug/L		104	80 - 122	1	30
1,1,1-Trichloroethane	10.0	9.744		ug/L		97	80 - 128	1	23
1,1,2-Trichloroethane	10.0	10.20		ug/L		102	80 - 120	1	21
Trichloroethene	10.0	9.931		ug/L		99	80 - 120	1	25
Trichlorofluoromethane	10.0	9.384		ug/L		94	77 - 125	2	30
1,2,3-Trichloropropane	10.0	10.26		ug/L		103	76 - 120	4	30
1,2,4-Trimethylbenzene	10.0	10.30		ug/L		103	80 - 120	1	30
1,3,5-Trimethylbenzene	10.0	10.61		ug/L		106	80 - 122	2	30
Vinyl acetate	10.0	8.073		ug/L		81	74 - 128	18	30
Vinyl chloride	10.0	9.274		ug/L		93	63 - 135	2	30
Hexachloro-1,3-butadiene	10.0	10.33		ug/L		103	80 - 122	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-8078/5
Matrix: Water
Analysis Batch: 8078

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropanol			50.0	44.54	J	ug/L		89	80 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*68 - 120*
Dibromofluoromethane	*103*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260C_SIM - 1,4-Dioxane by SIM

Lab Sample ID: MB 570-9235/6
Matrix: Water
Analysis Batch: 9235

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1.0	0.35	ug/L			07/31/19 20:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobutane (Surr)	*98*		*67 - 133*		*07/31/19 20:34*	*1*

Lab Sample ID: LCS 570-9235/3
Matrix: Water
Analysis Batch: 9235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane			20.0	19.41		ug/L		97	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dichlorobutane (Surr)	*96*		*67 - 133*

Lab Sample ID: LCSD 570-9235/4
Matrix: Water
Analysis Batch: 9235

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			20.0	18.81		ug/L		94	75 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dichlorobutane (Surr)	*100*		*67 - 133*

Method: RSK-175 - Dissolved Gases in Water

Lab Sample ID: MB 570-6916/4
Matrix: Water
Analysis Batch: 6916

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		1.0	0.033	ug/L			07/22/19 12:31	1

Method: RSK-175 - Dissolved Gases in Water (Continued)

Lab Sample ID: MB 570-6916/4
Matrix: Water
Analysis Batch: 6916

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene	ND		1.0	0.051	ug/L			07/22/19 12:31	1
Methane	ND		1.0	0.0080	ug/L			07/22/19 12:31	1

Lab Sample ID: LCS 570-6916/2
Matrix: Water
Analysis Batch: 6916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethane	26.3	25.93		ug/L		99	80 - 120
Ethylene	33.2	32.67		ug/L		98	80 - 120
Methane	13.6	12.63		ug/L		93	80 - 120

Lab Sample ID: LCSD 570-6916/3
Matrix: Water
Analysis Batch: 6916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethane	26.3	25.70		ug/L		98	80 - 120	1	20
Ethylene	33.2	32.42		ug/L		98	80 - 120	1	20
Methane	13.6	12.51		ug/L		92	80 - 120	1	20

Marginal Exceedance (ME) Summary

Client: Jacob & Hefner Associates P.C.
Job ID: 570-2424-1
Project/Site: Former Conexant Systems

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCSD 570-8078/5
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Acetone	10.0	11.38		ug/L	114	50 - 150	N/A	
Benzene	10.0	10.04		ug/L	100	80 - 120	N/A	
Bromobenzene	10.0	10.64		ug/L	106	80 - 120	N/A	
Bromochloromethane	10.0	9.903		ug/L	99	75 - 123	N/A	
Bromodichloromethane	10.0	10.31		ug/L	103	80 - 121	N/A	
Bromoform	10.0	10.21		ug/L	102	74 - 140	N/A	
Bromomethane	10.0	9.856		ug/L	99	50 - 150	N/A	
2-Butanone	10.0	9.745		ug/L	97	55 - 187	N/A	
Carbon disulfide	10.0	10.34		ug/L	103	64 - 130	N/A	
Carbon tetrachloride	10.0	9.809		ug/L	98	80 - 129	N/A	
Chlorobenzene	10.0	10.15		ug/L	101	80 - 120	N/A	
Chloroethane	10.0	10.48		ug/L	105	72 - 126	N/A	
Chloroform	10.0	9.993		ug/L	100	76 - 124	N/A	
Chloromethane	10.0	9.804		ug/L	98	53 - 143	N/A	
2-Chlorotoluene	10.0	9.990		ug/L	100	80 - 124	N/A	
4-Chlorotoluene	10.0	10.03		ug/L	100	80 - 122	N/A	
cis-1,2-Dichloroethene	10.0	10.10		ug/L	101	75 - 123	N/A	
cis-1,3-Dichloropropene	10.0	9.831		ug/L	98	80 - 122	N/A	
Dibromochloromethane	10.0	10.35		ug/L	103	79 - 127	N/A	
1,2-Dibromo-3-Chloropropane	10.0	9.043		ug/L	90	80 - 124	N/A	
1,2-Dibromoethane	10.0	10.03		ug/L	100	80 - 120	N/A	
Dibromomethane	10.0	10.25		ug/L	102	80 - 122	N/A	
1,2-Dichlorobenzene	10.0	10.09		ug/L	101	80 - 120	N/A	
1,3-Dichlorobenzene	10.0	10.45		ug/L	105	80 - 122	N/A	
1,4-Dichlorobenzene	10.0	9.836		ug/L	98	80 - 120	N/A	
Dichlorodifluoromethane	10.0	8.113		ug/L	81	50 - 150	N/A	
1,1-Dichloroethane	10.0	9.798		ug/L	98	71 - 120	N/A	
1,2-Dichloroethane	10.0	10.23		ug/L	102	80 - 122	N/A	
1,1-Dichloroethene	10.0	9.842		ug/L	98	77 - 120	N/A	
1,2-Dichloropropane	10.0	9.902		ug/L	99	80 - 120	N/A	
1,3-Dichloropropane	10.0	10.03		ug/L	100	80 - 120	N/A	
2,2-Dichloropropane	10.0	9.676		ug/L	97	64 - 154	N/A	
1,1-Dichloropropene	10.0	9.445		ug/L	94	78 - 126	N/A	
Di-isopropyl ether (DIPE)	10.0	9.895		ug/L	99	73 - 121	N/A	
Ethylbenzene	10.0	10.37		ug/L	104	80 - 120	N/A	
Ethyl-t-butyl ether (ETBE)	10.0	9.335		ug/L	93	76 - 124	N/A	
2-Hexanone	10.0	9.866	J	ug/L	99	67 - 151	N/A	
Isopropylbenzene	10.0	10.31		ug/L	103	80 - 124	N/A	
Methylene Chloride	10.0	10.40		ug/L	104	77 - 120	N/A	
4-Methyl-2-pentanone	10.0	8.533		ug/L	85	73 - 127	N/A	
Methyl-t-Butyl Ether (MTBE)	10.0	9.524		ug/L	95	75 - 123	N/A	
m,p-Xylene	20.0	21.36		ug/L	107	80 - 120	N/A	
Naphthalene	10.0	9.998		ug/L	100	73 - 139	N/A	
n-Butylbenzene	10.0	10.34		ug/L	103	80 - 126	N/A	
N-Propylbenzene	10.0	10.75		ug/L	108	79 - 127	N/A	
o-Xylene	10.0	10.45		ug/L	104	80 - 120	N/A	
p-Isopropyltoluene	10.0	9.976		ug/L	100	80 - 120	N/A	
sec-Butylbenzene	10.0	10.02		ug/L	100	79 - 127	N/A	
Styrene	10.0	10.86		ug/L	109	80 - 120	N/A	

Marginal Exceedance (ME) Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-8078/5
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Tert-amyl-methyl ether (TAME)	10.0	9.549		ug/L	95	80 - 120	N/A	
tert-Butyl alcohol (TBA)	50.0	57.12		ug/L	114	80 - 120	N/A	
tert-Butylbenzene	10.0	9.802		ug/L	98	80 - 125	N/A	
1,1,1,2-Tetrachloroethane	10.0	10.10		ug/L	101	80 - 122	N/A	
1,1,2,2-Tetrachloroethane	10.0	9.526		ug/L	95	80 - 121	N/A	
Tetrachloroethene	10.0	12.45	*	ug/L	124	79 - 121	N/A	X
Toluene	10.0	10.15		ug/L	102	80 - 120	N/A	
trans-1,2-Dichloroethene	10.0	9.875		ug/L	99	77 - 125	N/A	
trans-1,3-Dichloropropene	10.0	10.07		ug/L	101	80 - 120	N/A	
1,2,3-Trichlorobenzene	10.0	10.63		ug/L	106	80 - 122	N/A	
1,2,4-Trichlorobenzene	10.0	10.43		ug/L	104	80 - 122	N/A	
1,1,1-Trichloroethane	10.0	9.744		ug/L	97	80 - 128	N/A	
1,1,2-Trichloroethane	10.0	10.20		ug/L	102	80 - 120	N/A	
Trichloroethene	10.0	9.931		ug/L	99	80 - 120	N/A	
Trichlorofluoromethane	10.0	9.384		ug/L	94	77 - 125	N/A	
1,2,3-Trichloropropane	10.0	10.26		ug/L	103	76 - 120	N/A	
1,2,4-Trimethylbenzene	10.0	10.30		ug/L	103	80 - 120	N/A	
1,3,5-Trimethylbenzene	10.0	10.61		ug/L	106	80 - 122	N/A	
Vinyl acetate	10.0	8.073		ug/L	81	74 - 128	N/A	
Vinyl chloride	10.0	9.274		ug/L	93	63 - 135	N/A	
Hexachloro-1,3-butadiene	10.0	10.33		ug/L	103	80 - 122	73 - 129	
Isopropanol	50.0	44.54	J	ug/L	89	80 - 120	N/A	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
71	4	0

X = % Recovery is greater than widest possible limit

QC Association Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

GC/MS VOA

Analysis Batch: 7799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2424-1	TB-3	Total/NA	Water	8260B	
570-2424-3	I-21	Total/NA	Water	8260B	
570-2424-4	M-36	Total/NA	Water	8260B	
570-2424-5	DUP-3	Total/NA	Water	8260B	
MB 570-7799/8	Method Blank	Total/NA	Water	8260B	
LCS 570-7799/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-7799/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 8078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2424-2	I-7	Total/NA	Water	8260B	
570-2424-3	I-21	Total/NA	Water	8260B	
MB 570-8078/8	Method Blank	Total/NA	Water	8260B	
LCS 570-8078/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-8078/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 9235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2424-2	I-7	Total/NA	Water	8260C_SIM	
570-2424-3	I-21	Total/NA	Water	8260C_SIM	
570-2424-4	M-36	Total/NA	Water	8260C_SIM	
MB 570-9235/6	Method Blank	Total/NA	Water	8260C_SIM	
LCS 570-9235/3	Lab Control Sample	Total/NA	Water	8260C_SIM	
LCSD 570-9235/4	Lab Control Sample Dup	Total/NA	Water	8260C_SIM	

GC VOA

Analysis Batch: 6916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-2424-2	I-7	Total/NA	Water	RSK-175	
570-2424-3	I-21	Total/NA	Water	RSK-175	
570-2424-4	M-36	Total/NA	Water	RSK-175	
MB 570-6916/4	Method Blank	Total/NA	Water	RSK-175	
LCS 570-6916/2	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 570-6916/3	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

Client Sample ID: TB-3
Date Collected: 07/20/19 07:00
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/25/19 22:50	UX77	ECL 2
	Instrument ID: GCMSUU									

Client Sample ID: I-7
Date Collected: 07/20/19 09:55
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	20 mL	20 mL	8078	07/27/19 01:08	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	9235	07/31/19 21:03	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6916	07/22/19 14:17	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: I-21
Date Collected: 07/20/19 08:10
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/25/19 23:41	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B		1	20 mL	20 mL	8078	07/27/19 01:59	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	9235	07/31/19 21:32	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6916	07/22/19 14:43	LEW3	ECL 2
	Instrument ID: GC52									

Client Sample ID: M-36
Date Collected: 07/20/19 08:14
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/26/19 00:06	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260C_SIM		1	25 mL	25 mL	9235	07/31/19 22:02	J78Y	ECL 2
	Instrument ID: GCMSM									
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	6916	07/22/19 15:16	LEW3	ECL 2
	Instrument ID: GC52									

Lab Chronicle

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

Client Sample ID: DUP-3
Date Collected: 07/20/19 08:14
Date Received: 07/20/19 11:30

Lab Sample ID: 570-2424-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	7799	07/26/19 00:32	UX77	ECL 2
	Instrument ID: GCMSUU									

Laboratory References:

ECL = Eurofins Calscience LLC, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Jacob & Hefner Associates P.C.
Job ID: 570-2424-1
Project/Site: Former Conexant Systems

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Arizona	State Program	9	AZ0781	03-13-20
California	SCAQMD LAP	9	N/A	11-30-19
California	State Program	9	2944	09-30-19
Guam	State Program	9	19-004R	10-31-19
Hawaii	State Program	9	N/A	01-29-20
Nevada	State Program	9	CA00111	07-31-19
Oregon	NELAP Primary AB	10	CA300001	01-20-20
Washington	State Program	10	C916	10-11-19

Method Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8260C_SIM	1,4-Dioxane by SIM	SW846	ECL 2
RSK-175	Dissolved Gases in Water	RSK	ECL 2
5030C	Purge and Trap	SW846	ECL

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL = Eurofins Calscience LLC, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Jacob & Hefner Associates P.C.
Project/Site: Former Conexant Systems

Job ID: 570-2424-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-2424-1	TB-3	Water	07/20/19 07:00	07/20/19 11:30	
570-2424-2	I-7	Water	07/20/19 09:55	07/20/19 11:30	
570-2424-3	I-21	Water	07/20/19 08:10	07/20/19 11:30	
570-2424-4	M-36	Water	07/20/19 08:14	07/20/19 11:30	
570-2424-5	DUP-3	Water	07/20/19 08:14	07/20/19 11:30	

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins Calscience

Loc: 570
2424

Client Information	Sampler: CHAD JOHNSON	Lab PM: Villafania, Richard	Carrier Tracking No(s):	COC No: 570-1530-308.11
Client Contact: Stacie Aichner	Phone:	E-Mail: richardvillafania@eurofinsus.com		Page: Page 1 of 1
Company: JHA Environmental, Inc.				Job #:
Address: 4680 East Los Angeles Avenue Suite O	Due Date Requested:			
City: Simi Valley	TAT Requested (days): **Normal**			
State, Zip: CA, 93063				
Phone: 805-832-0718(Tel)	PO #: E243h_1L2_807			
Email: saichner@jacobandhefner.com	WO #:			
Project Name: Former Conexant Systems	Project #: 57001271			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL - (MOD) 8260B Routine Volatiles	8260B_SIM, RSK_175	2320B, 2540C_Calcd, 300_ORGFM_28D, 300_ORGFMS	6010B - (MOD) 6010B Metals Total	6010B - (MOD) 6010B Fe, Mn (Diss)	SM5310D - (MOD) Total Organic Carbon	VFA_HPLC - Full Analyte List	Total Number of Containers	Special Instructions/Note:
			Preservation Code:				A	A	N	D	D	S	Z		
TB-3	7-20-19	0700	G	W	N	N	X								
1-7		0955			N	N	X	X							
1-21		0810			N	N	X	X							
M-36		0814			N	N	X	X							
DUP-3		0814			N	N	X								

570-2424 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other: H3PO4

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) EDF Global ID: T0605900822

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Chad Johnson	7-20-19/1130	JHA	EL	7/20/19 1130	EL
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

2.5/2.7 SLG

Login Sample Receipt Checklist

Client: Jacob & Hefner Associates P.C. Job Number: 570-2424-1

Login Number: 2424 **List Source: Eurofins Calscience**
List Number: 1
Creator: Ramos, Maribel

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	Number of containers not specified.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

APPENDIX C

DHC LABORATORY REPORTS

SiREM
Leading Science · Lasting Solutions

130 Stone Rd. W
Guelph, ON N1G 3Z2
(519) 822-2265

Certificate of Analysis: Gene-Trac® *Dehalococcoides* Assay

Customer: Stacie Aichner, JHA Environmental, Inc.
Project: Former Conexant Systems
Customer Reference: E243h_1L2_807

SiREM Reference: S-5425
Report Date: 2-Aug-19
Data Files: iQ5A-DHCT-TM-QPCR-1680
iQ5A-DB-DHC-TM-QPCR-1003

Table 1: Test Results

Sample ID	*Dehalococcoides* (Dhc)	
	Percent Dhc(1)	Enumeration/Liter(2)
SZO-1	0.008 - 0.02 %	6×10^5
SZO-2	0.3 - 1 %	2×10^7
SZT-1	6 - 17 %	7×10^7
I-18	0.5 - 1 %	2×10^6

See final page for notes.

Analyst: Taylor Aris, B.Sc.
Laboratory Technician

Approved: Ximena Druar, B.Sc.
Genetic Testing Supervisor

Table 2: Detailed Test Parameters, Gene-Trac Test Reference S-5425

Customer Sample ID	SZO-1	SZO-2	SZT-1	I-18
SiREM Dhc Test ID	DHC-17807	DHC-17808	DHC-17809	DHC-17810
Date Sampled [3]	19-Jul-19	19-Jul-19	19-Jul-19	18-Jul-19
Matrix	Groundwater	Groundwater	Groundwater	Groundwater
Date Received [3]	23-Jul-19	23-Jul-19	23-Jul-19	23-Jul-19
Sample Temperature	3.3 ºC	3.3 ºC	3.3 ºC	3.3 ºC
Filtration Date [3]	24-Jul-19	24-Jul-19	24-Jul-19	24-Jul-19
Volume Used for DNA Extraction	100 mL	100 mL	100 mL	100 mL
DNA Extraction Date	30-Jul-19	30-Jul-19	30-Jul-19	30-Jul-19
DNA Concentration in Sample (extractable)	14963 ng/L	9990 ng/L	2108 ng/L (J)	735 ng/L (J)
PCR Amplifiable DNA	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	31-Jul-19	31-Jul-19	31-Jul-19	31-Jul-19
Laboratory Controls (see Table 3)	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	- -

See final page for notes

Table 3: Gene-Trac Dhc Control Results, Test Reference S-5425

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	31-Jul-19	Genomic DNA (CSLD-1318)	1.5×10^{7}	4.2×10^{6} (4)	See Note 4
Positive Control High Concentration	31-Jul-19	Genomic DNA (CSHD-1318)	2.4×10^{9}	2.4×10^{9}	Passed
Extraction Control	31-Jul-19	Extraction Control (KB-0680)	1.6×10^{11}	1.2×10^{11}	Passed
DNA Extraction Blank	31-Jul-19	Sterile Water (FB-3339)	0	2.6×10^{3} U	Passed
Negative Control	31-Jul-19	Reagent Blank (TBD-1277)	0	2.6×10^{3} U	Passed

See final page for notes.

Notes:
Dhc = *Dehalococcoides*
J The associated value is an estimated quantity between the method detection limit and quantitation limit.
U Not detected, associated value is the quantitation limit.
B Analyte was detected in the method blank within an order of magnitude of the test sample.
E Extracted genomic DNA was not detected in the sample.
I Sample inhibited the test reaction based on inability to PCR amplify extracted DNA with universal primers.
ng/L = nanograms per liter
mL = milliliter
NA = not applicable
ND = not detected
DNA = deoxyribonucleic acid
16S rRNA = 16S ribosomal ribonucleic acid
PCR = polymerase chain reaction
qPCR = quantitative PCR
°C = degrees Celsius

[1]Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

[2]Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

[3]Samples are stabilized by freezing at -80 °C upon sample reception (field filters) or in-lab filtration (groundwater). Hold time not exceeded if sampling date is within 7 days of date received or filtration date.

[4]Control was outside recovery limit guidelines (+/- 50%), however, test results are deemed acceptable if one of two positive controls falls within the recovery limit guidelines.

SiREM

Chain-of-Custody Form

siremlab.com

SiREM Knoxville
180A Market Place Blvd
Knoxville, TN 37922
Phone 865 330 0037

Lab # S-5425

*Project Name: Former Conexant Systems	*Project #: E243h_1L2_807
*Project Manager: Stacie Aichner	*Company: JHA Environmental, Inc.
*Email Address: saichner@jacobandhefner.com	
Address (Street): 4680 East Los Angeles Avenue, Suite O	
City: Simi Valley, 93063	State/Province: California / Country: USA
*Phone #: 805.832.0718	
*Sampler's Signature: Chad Johnson	*Sampler's Printed Name: CHAD JOHNSON

✓	Client Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac DHC	Gene-Trac VC	Gene-Trac DHB	Gene-Trac DHG	Gene-Trac tceA	Volatile Fatty Acids	Dissolved hydrocarbon gases	Treatability Study	Other Information
✓	SZO-1	7-19-19	1435	GW	1	X								
✓	SZO-2	↓	1320	GW	1	X								
✓	SZT-1	↓	1235	GW	1	X								
✓	I-18	7-18-19	1030	GW	1	X								

Analysis

Preservative Key
0. None
1. HCL
2. Other
3. Other
4. Other
5. Other
6. Other

Billing Information
P.O. #: E243h_1L2_807
*Bill To: JHA Environmental, Inc.
15375 Barranca Parkway, Suite J-108
Irvine, California, 92618

Turnaround Time Requested
Normal ☒
Rush ☐

For Lab Use Only
Cooler Condition: Good
Cooler Temperature: 3.3°C
Custody Seals: Yes ☐ No ☑

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature: C Johnson	Signature: SAMPLE FRIDGE	Signature: SAMPLE FRIDGE	Signature:	Signature:	Signature:
Printed Name: CHAD JOHNSON	Printed Name: SIMI OFFICE	Printed Name: SIMI OFFICE	Printed Name: STACIE AICHNER	Printed Name: STACIE AICHNER	Printed Name: J. SMITH
Firm: JHA Envi.	Firm: JHA ENVIRONMENTAL	Firm: JHA ENVIRONMENTAL	Firm: JHA ENVIRONMENTAL	Firm: JHA ENVIRONMENTAL	Firm: SIREM
Date/Time: 7-20-19/1330	Date/Time: 7/20/19 1330	Date/Time: 7/22/19 1500	Date/Time: 7/22/19 1500	Date/Time: 7/22/19 1530	Date/Time: 7.23.19 1030

Distribution: White - return to Originator; Yellow - Lab Copy; Pink - Retained by Client

* Mandatory Fields

~~Received~~ Received by: Alwin Tran Relinq. By: SC Thomas 7-24-19 1500
7-24-19 1220

APPENDIX D

IDW DISPOSAL MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL000441528
2. Page 1 of: 1
3. Emergency Response Phone: 888 423-6080
4. Manifest Tracking Number: 016307517 JJK

GENERATOR

5. Generator's Name and Mailing Address
Synaptics
1251 McKay Drive
San Jose CA 95131
Attn: Brian Hill
Generator's Phone: 650 235-5550

Generator's Site Address (if different than mailing address)
Synaptics
4311 Jamboree Road
Newport Beach CA 92660

6. Transporter 1 Company Name: American Integrated Services, Inc.
U.S. EPA ID Number: CAR000149338

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
DeMenno Kerdoon
2000 N. Alameda Street
Compton CA 90222
Facility's Phone: 310 537-7100
U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3082, Hazardous waste, liquid, n.o.s. (Vinyl Chloride), 9, PGIII	2	DM	110	G	135	D043	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Wear proper PPE while handling. Weights or volumes are approximate.
NS is the Emergency Response Contractor.
Job# 39009-26-7
2 X 55 DM

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brian Hill
Signature:
Month: 7 Day: 25 Year: 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Eddie Lino
Signature:
Month: 7 Day: 25 Year: 19
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
18b. Alternate Facility (or Generator)
Manifest Reference Number:
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H039 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Emilio Morales
Signature:
Month: 07 Day: 25 Year: 19

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

APPENDIX L

ASTM E 1527-13 USER QUESTIONNAIRE

E 1527 – 13
USER QUESTIONNAIRE

Koll Center Newport – Lots 1, 3 and 5

INTRODUCTION

To qualify for one of the *Landowner Liability Protections (LLPs)*[1] offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"),[2] the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

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

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

Response: NO

(2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26(a)(1)(v) and (vl)).

Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Response: No

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

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* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Response: I have knowledge of the adjoining Uptown Newport Master Plan and TowerJazz Properties

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

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, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

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1 Landowner Liability Protections, or LLPs, is the term used to describe the three types of potential defenses to Superfund liability in EPA's Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability ("Common Elements" Guide) issued on March 6, 2003.

2 P.L. 107-118.

Response: Purchase price is fair market value

(5.) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,

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

Response: Used as a parking lot, prior to that use is unknown

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

Response: NO

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

Response: Former leaking underground storage tank at adjacent property per previous ESA

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

Response: Former leaking underground storage tank at adjacent property per previous ESA

(6.) The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

Response: No

Title: EVP of Development

Name: Derek Picerne Date: 6/9/20